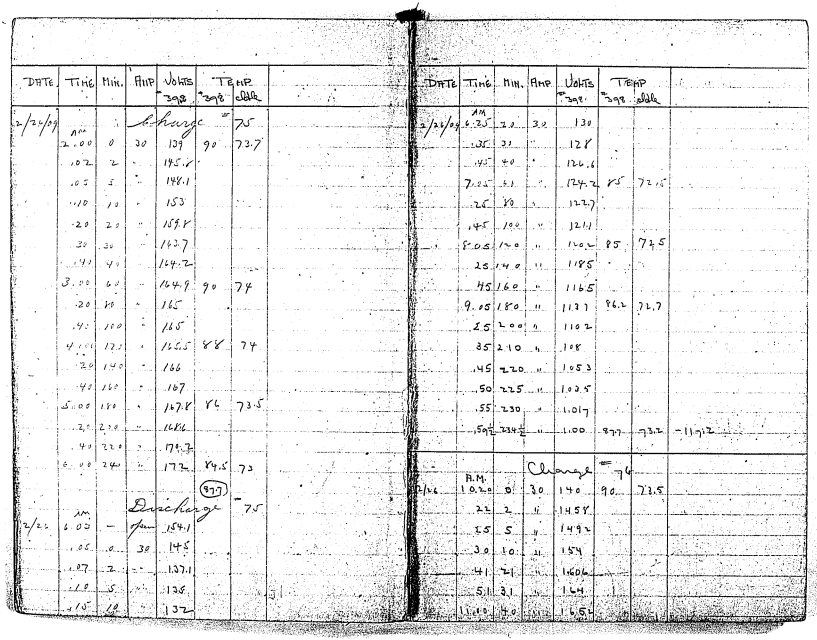
Notebook, N-09-02-26.2

February 24, 1909.

A4 CELL #398,

VOLUME II.

Runs Continued from Vol. I.



DATE	TIME	MIN.	AMP	VOLTS #398	TEMP #398	TEMP cldk
2/26/09				Charge		75
	AM 2.00	0	30	139	90	73.7
	.02	2	"	145.8		
	.05	5	"	148.1		
	.10	10	"	153		
	.20	20	"	159.8		
	.30	30	"	163.7		
	.40	40	"	164.2		
	3.00	60	"	164.9	90	74
	.20	80	"	165		
	.40	100	"	165		
	4.00	120	"	165.5	88	74
	.20	140	"	166		
	.40	160	"	167		
	5.00	180	"	167.8	86	73.5
	.20	200	"	168.6		
	.40	220	"	170.2		
	6.00	240	"	172	84.5	73
					(87.7)	
				Discharge		75
2/22	AM 6.05	—	open	154.1		
	.05	0	30	145		
	.07	2	"	137.1		
	.10	5	"	135		
	.15	10	"	132		

DATE	TIME	MIN.	AMP	VOLTS #398	TEMP #398	TEMP cldk
2/26/09	AM 6.25	20	30	130		
	.35	30	"	128		
	.45	40	"	126.6		
	7.05	60	"	124.2	85	72.5
	.25	80	"	122.7		
	.45	100	"	121.1		
	8.05	120	"	120.2	85	72.5
	.25	140	"	118.5		
	.45	160	"	116.5		
	9.05	180	"	113.7	86.2	72.7
	.25	200	"	110.2		
	.35	210	"	108		
	.45	220	"	105.3		
	.50	225	"	103.5		
	.55	230	"	1.017		
	.59½	234½	"	1.00	87.7	73.2
				Charge		76
2/26	A.M. 10.20	0	30	140	90	73.5
	.22	2	"	145.8		
	.25	5	"	149.2		
	.30	10	"	154		
	.41	21	"	160.6		
	.51	31	"	164		
	11.10	40	"	165.2		

-11 9.2

DATE	TIME	MIN	AMP	VOLTS 398	TEMP. 398	TEMP. Idle	
2/26	A.M. 11.20	60	30	1656	87.2	72.7	
	40	80	"	1656			
	P.M. 12.00	100	"	1657			5 amps high for 4 min
	20	120	"	166	87	74	− 2 hrs.
					(88.1)		
				Discharge = 76			
2/26	P.M. 12.23	-	Open	151			
	25	0	30	142			
	27	2	"	1352			
	30	5	"	1325			
	35	10	"	1295			
	45	20	"	1265			
	55	30	"	124			
	1.05	40	"	1.222			
	25	60	"	1.182	89.7	74.7	
	.45	80	"	1.137			
	.55	90	"	1.105			
	2.05	100	"	1.077			
	.10	105	"	1.057			
	.15	110	"	1.04			
	.20	115	"	1.013			
	.22	117	"	1.00	86.2	74.7	− 58.5

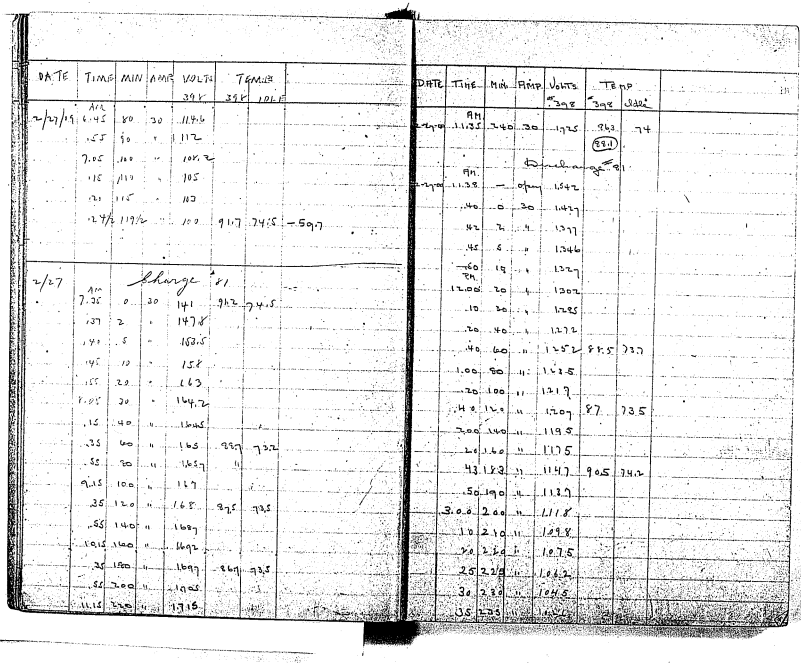
DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP Idle	
				Charge = 77			
2-26-09	P.M. 2.35	0	30	1.38	87.5	74.5	
	.37	2	"	1.465			
	.40	5	"	1.52			
	.45	10	"	1.562			
	.55	20	"	1.625			
	3.05	30	"	1.64			
	.15	40	"	1.647			
	.35	60	"	1.657	85.7	73	
	.55	80	"	1.66			
	4.15	100	"	1.663			
	.35	120	"	1.67	85.3	72.2	− 2 hrs.
					(86.2)		
				Discharge = 77			
2-26-09	P.M. 4.38	−	30	1.51			
	.40	0	"	1.42			
	.42	2	"	1.345			
	.45	5	"	1.32			
	.50	10	"	1.297			
	5.00	20	"	1.26			
	.10	30	"	1.242			
	.20	40	"	1.22			
	.30	50	"	1.204			
	.40	60	"	1.186	87.7	74	
	.50	70	"	1.165			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP: 398	TEMP: cable	
2-26-09	PM. 6:00	80	30	1.14			
	.10	90	"	1.115			
	.20	100	"	1.08			
	.30	110	"	1.047			
	.35	115	"	1.025			
	.45	120	"	1.00	89.5	74	-60
				Change #78			
2-26-09	PM. 6:45	0	30	1.36	89.7	74	
	47	2	"	1.24			
	.50	5	"	1.50			
	.55	10	"	1.67			
	7:05	20	"	1.62			
	.15	30	"	1.625			
	.25	40	"	1.64			
	.45	60	"	1.645	91	74.5	
	8:05	80	"	1.655			
	.25	100	"	1.66			
	.45	120	"	1.667	88	74	
				(End)			
				Discharge #78			
	PM.						
2-26-09	8:48	offset	—	1.512			
	.50	0	30	1.442			
	.52	2	"	1.326			
	.55	5	"	1.322			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP cable	
	PM.						
2-26-09	9:00	10	30	1.297			
	.10	20	"	1.265			
	.20	30	"	1.242			
	.30	40	"	1.222			
	.40	50	"	1.205			
	.50	60	"	1.185	89	73.7	
	10.00	70	"	1.167			
	.10	80	"	1.342			
	.20	90	"	1.118			
	.30	100	"	1.094			
	.40	110	"	1.045			
	.45	115	"	1.023			
	.50	120	"	1.00	90.5	74	-60
				Change #79			
2-26-09	PM. 11:05	0	30	1.492	90.3	74	
	.07	2	"	1.448			
	.10	6	"	1.525			
	.15	10	"	157			
	.25	20	"	162.2			
	.35	30	"	164			
	1.45	40	"	164.1			
2/27	AM. 12.35	60	"	164.3	91.8	75	
	.37	62	"	164.7			
	.47	72	"	165.9			

DATE	TIME	MIN	AMP	VOLTS 39K	TEMPS 39K	TEMPS 104E
2/27/09	AM 1.05	121	30	166.7	90.2 (907)	74.7
				Discharge		79
2/27	AM 1.08	—	Jm	150.5		
	.11	0	30	147		
	.12	2	"	154.7		
	.15	5	"	131.7		
	.20	11	"	127		
	.30	20	"	126		
	.40	30	"	124		
	.51	40	"	122		
	2.00	50	"	120.3		
	.10	60	"	117.9	91	75
	.20	70	"	114.7		
	.30	80	"	114		
	.40	90	"	111.5		
	.50	100	"	108		
	3.00	110	"	103.7		
	.05	115	"	101.9		
	.08	117	"	100	91.7	74.7

DATE	TIME	MIN	AMP	VOLTS 39K	TEMPS 39K	TEMPS 104E
2/27/09	AM			Charg		80
	5.20	0	30	141	92	74.7
	.22	2	"	147.7		
	.25	5	"	157.7		
	.35	10	"	158		
	.45	20	"	163		
	.60	30	"	164		
	4.00	40	"	164.1		
	.20	60	"	165	90	74
	.40	80	"	165.8		
	5.00	100	"	166.5		
	.20	120	"	167.8	88.2 (901)	74.5
				Discharge		80
2/27	AM 5.20	—	Jm	151.5		
	.25	0	30	147		
	.27	2	"	136		
	.31	5	"	132		
	.35	10	"	129.5		
	.45	20	"	126.3		
	.55	30	"	124.3		
	6.05	40	"	122.5		
	.15	50	"	121.7		
	.25	60	"	119	92	74.5
	.35	70	"	117		



DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP 101.1	
2/27/09	AM 6.45	80	30	114.6			
	.55	90	"	112			
	7.05	100	"	108.2			
	.15	110	"	105			
	.20	115	"	103			
	.24½	119½	"	100	91.7	74.5	−59.7
2/27		Charge #1					
	AM 7.35	0	30	141	91.2	74.5	
	.37	2	"	147.8			
	.40	5	"	153.5			
	.45	10	"	158			
	.55	20	"	163			
	8.05	30	"	164.2			
	.15	40	"	164.5			
	.35	60	"	165	88.7	73.2	
	.55	80	"	165.7	"		
	9.15	100	"	167			
	.35	120	"	168	87.5	73.5	
	.55	140	"	168.7			
	10.15	160	"	169.2			
	.35	180	"	169.7	86.7	73.5	
	.55	200	"	170.5			
	11.15	220	"	171.5			

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP 101.1	
2-27-09	AM 11.35	240	30	1725	86.3	74	
					88.1		
				Discharge #1			
2-27-09	AM 11.38	—	open	1542			
	.40	0	30	1427			
	.42	2	"	1377			
	.45	5	"	1346			
	.60	15	"	1327			
	PM 12.00	20	"	1302			
	.10	30	"	1285			
	.20	40	"	1272			
	.40	60	"	1252	88.5	73.7	
	1.00	80	"	1235			
	.20	100	"	1217			
	.40	120	"	1207	87	73.5	
	2.00	140	"	1195			
	.20	160	"	1175			
	.40	180	"	1147	90.5	74.2	
	.50	190	"	1137			
	3.00	200	"	1118			
	.10	210	"	1098			
	.20	220	"	1075			
	.25	225	"	1062			
	.30	230	"	1045			
	.35	235	"	1036			

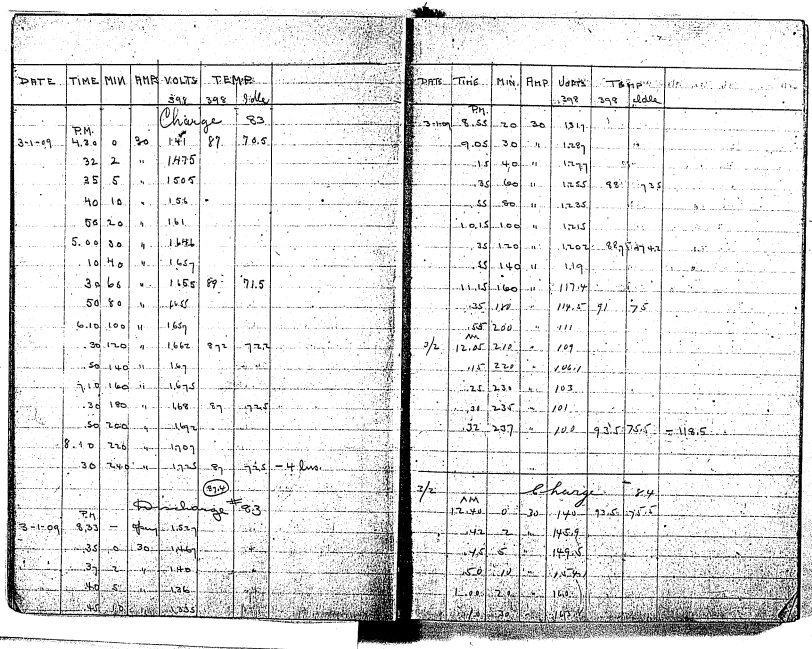
DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP IDLE	
2-27-09	P.M. 3.40	240	30	1002			
	41½	241½	"	100	93.2	74.5	−120.7

Stood forty one (41) hours over Sunday WJ

3/1 Charge #82

AM 8.20	0	30	151	75.2	74.5	
22	2	"	159			
25	5	"	162.2			
30	10	"	167			
40	20	"	1705			
50	30	"	1705			
9.00	40	"	1698			
20	60	"	1685	79	74.2	
40	80	"	1685			
10.00	100	"	1687			
20	120	"	169	81	74	
40	140	"	1694			
11.00	160	"	1697			
20	180	"	170	83	74.5	
40	200	"	1707			
P.M. 12.00	220	"	172	(80.3)		
20	240	"	1733	83.5	74	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
				Discharge #82			
3-1-09	P.M. 12.23	-	Open	155			
	25	0	30	145			
	27	2	"	1377			
	30	5	"	135			
	35	10	"	1327			
	45	20	"	1302			
	55	30	"	1285			
	1.05	40	"	1275			
	25	60	"	1246	85	73.2	
	45	80	"	1232			
	2.05	100	"	1215			
	25	120	"	1.20	84.7	72	
	45	140	"	1.185			
	3.05	160	"	1.165			
	25	181	"	113.7	84.5	72	
	45	200	"	1.105			
	55	210	"	1.078			
	4.05	220	"	1047			
	10	225	"	1.035			
	15	230	"	1012			
	18½	233½	"	100	87.5	70.2	−116.7



DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP Idle	
				Charge		83	
3-1-09	P.M. 4.30	0	30	141	87	70.5	
	32	2	"	1475			
	35	5	"	1505			
	40	10	"	156			
	50	20	"	161			
	5.00	30	"	1646			
	10	40	"	1657			
	30	60	"	1655	89	71.5	
	50	80	"	1655			
	6.10	100	"	1657			
	30	120	"	1662	87.2	72.2	
	50	140	"	167			
	7.10	160	"	1675			
	30	180	"	168	87	72.5	
	50	200	"	1692			
	8.10	220	"	1707			
	30	240	"	1725	87	72.5	-4 lbs.
					(87.4)		
				Discharge # 83			
3-1-09	P.M. 8.33	—	Gray	1527			
	35	0	30	1467			
	37	2	"	140			
	40	5	"	136			
	45	10	"	135			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle	
3-1-09	P.M. 8.55	20	30	1317			
	9.05	30	"	1287			
	15	40	"	1277			
	35	60	"	1255	88	73.5	
	55	80	"	1235			
	10.15	100	"	1215			
	35	120	"	1202	88.7	74.2	
	55	140	"	1.19			
	11.15	160	"	117.4			
	35	180	"	114.5	91	75	
	55	200	"	111			
3/2	AM 12.05	210	"	109			
	15	220	"	106.1			
	25	230	"	103			
	30	235	"	101			
	32	237	"	100	93.5	75.5	= 118.5
3/2				Charge		84	
	AM 12.40	0	30	140	93.5	75.5	
	42	2	"	145.9			
	45	5	"	149.5			
	50	10	"	154			
	1.00	20	"	160			
	10	30	"	163			

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE	
3/2/09	AM 1.20	40	30	164.2			
	.40	60	"	164.5	92	74.5	
	2.00	80	"	164.7			
	.20	100	"	165.4			
	.40	120	"	165.9	89.5	74.5	
	3.00	140	"	166.2			
	.20	160	"	167			
	.40	180	"	168	88	74	
	4.00	200	"	169			
	.20	220	"	170.3			
	.40	240	"	172.1	87	74	-4 hrs.
					(90)		
				Discharge		= 84	
3/2	AM 4.42	—	open	152.5			
	.45	0	30	146.2			
	.47	2	"	138.2			
	.50	5	"	134.2			
	.55	10	"	133			
	5.00	20	"	131.2			
	.15	30	"	128.1			
	.25	40	"	126.5			
	.45	60	"	125	88.5	74	
	6.05	80	"	123			
	.25	100	"	121.8			
	.45	120	"	120	88	73.5	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE	
3/2/09	AM 7.05	140	30	118.3			
	.25	160	"	116.4			
	.45	180	"	114	89.2	73.2	
	8.05	200	"	110.2			
	.15	210	"	1078			
	.25	220	"	1.047			
	.35	230	"	101.2			
	.38	233	"	100	91	73.5	-116.5
3/2				Charge		= 85	
	AM 1.45	0	30	1.40	91.2	73.5	charge (6) hours
	.42	2	"	1.45.5			
	.50	5	"	1.48			
	.55	10	"	1.53			
	9.05	20	"	1.59.5			
	.15	30	"	1.63.2			
	.25	40	"	1.64.2			
	.45	60	"	1.64.5	91.5	74.2	
	10.05	80	"	1.64.5			
	.25	100	"	1.65			
	.45	120	"	1.657	90.2	74.5	
	11.05	140	"	1.66.2			
	.25	160	"	1.67.2			
	.45	180	"	1.68	89.5	75	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
	P.M.						
3/2/09	12.05	200	30	169			
	25	220	"	1.705			
	45	240	"	1.722	89.2	7.6	
	1.05	260	"	1.735			
	25	280	"	1745			
	45	300	"	175	90	76.5	
	2.05	320	"	176			
	.25	340	"	177			
	.45	360	"	177	91	76.7	-6 hrs
					90.3		
				Discharge 85			
	P.M.						
3/2/09	2.48	—	Open	1.577			
	50	0	30	149			
	52	2	"	1415			
	55	5	"	1377			
	3.00	10	"	1.36			
	10	20	"	1.332			
	20	30	"	1.315			
	30	40	"	130			
	50	60	"	1.277	91.5	77	
	4.10	80	"	1.258			
	.30	100	"	1244			
	50	120	"	1.23	91	77	
	5.10	140	"	1.22			
	.30	160	"	1.21			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle	
	P.M.						
3-2-09	5.50	180	30	1.20	91	77	
	6.10	200	"	1.187			
	.30	220	"	1.175			
	.50	240	"	1.16	92.7	77.5	
	7.10	260	"	1.137			
	.30	280	"	1.105			
	.50	300	"	1.065	95.2	78.2	
	8.00	310	"	1.04			
	.10	320	"	1.012			
	.14	324	"	1.00	96	78.5	-162
				Charge #86			
	P.M.						
3-2-09	8.30	0	30	1.40	95.7	78.5	
	.32	2	30	1.46			
	.35	5	"	1.485			
	.40	10	"	1.51			
	.50	20	"	1.565			
	9.00	30	"	1.605			
	.10	40	"	1.625			
	.30	60	"	1.642	96.2	78	
	.50	80	"	1.645			
	10.10	100	"	1.647			
	.30	120	"	1.655	93.5	78.5	
	.50	140	"	1.68			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Cldle	
3-2-09	P.M. 11.10	160	30	166.1			
	.30	180	"	166.9	92.5	78.5	
	.50	200	"	167.8			
3/3	AM 12.10	220	"	168.4			
	.30	240	"	169.8	89.5	78.5	
	.50	260	"	171			
	1.10	280	"	172.1			
	.30	300	"	172.8	88	77.2	
	.50	320	"	175.3			
	2.10	340	"	176.8			
	.30	360	"	178.2	87.5	76.5	-6 lbs.
					(91.9)		
				Discharge #81			
3/3	AM 2.33	—	Open	159.2			
	.35	0	30	149			
	.37	2	"	141			
	.40	5	"	138			
	.45	10	"	136.1			
	.55	20	"	133.2			
	3.05	30	"	131.5			
	.15	40	"	130			
	.35	60	"	127.6	88	76.5	
	.55	80	"	125.7			
	4.15	100	"	124			
	.35	120	"	122.6	89	75	

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Cldle	
3/3/09	AM 4.55	140	30	121.7			
	5.15	160	"	120.8			
	.35	180	"	120	92	77	
	.55	200	"	118.9			
	6.15	220	"	117.8			
	.35	240	"	116	92.5	76.5	
	.55	260	"	113.9			
	7.15	280	"	110.5			
	.35	300	"	107.8	91	76	
	.45	310	"	106			
	.55	320	"	102.6			
	8.06	331	"	100	92.5	75.7	-165.5
				Charge #89			
3/3	AM 8.20	0	30	138	95	75.7	
	22	2	"	1458			
	25	5	"	149			
	30	10	"	1522			
	40	20	"	157			
	50	30	"	161.5			
	9.00	40	"	1638			
	20	60	"	1652	91.7	74	
	40	80	"	1652			
	10.00	100	"	1657			
	20	120	"	166	88.5	73.5	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
3-3-09	A.M. 1040	140	30	1.666			
	11.00	160	"	1.677			
	20	180	"	1.677	86.5	73.2	
	40	200	"	1.685			
	P.M. 12.00	220	"	1.697			
	20	240	"	1.705	86	73	
	40	260	"	1.718			
	1.00	280	"	1.73			
	20	300	"	1.745	85	72.7	
	.40	320	"	1.76			
	2.00	340	"	1.775			
	20	360		1.795	86.2	73.5	-6 hrs
					(88.4)		
				Discharge #87.			
3-3-09	P.M. 223	-	Open	1.892			
	25	0	30	1.49			
	27	2	"	1.402			
	30	5	"	1.378			
	35	10	"	1.337			
	45	20	"	1.33			
	55	30	"	1.315			
	3.05	40	"	1.277			
	25	60	"	1.275	86	73	
	45	80	"	1.257			
	4.05	100	"	1.24			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
3/3/09	P.M. 4.25	120	30	1.226	85	71.7	
	45	140	"	1.217			
	5.05	160	"	1.201			
	25	180	"	1.197	85.2	71	
	45	200	"	1.186			
	6.05	220	"	1.175			
	.25	240	"	1.16	87.5	71.5	
	.45	260	"	1.14			
	7.05	280	"	1.112			
	.25	300	"	1.075	89.5	72	
	.35	310	"	1.052			
	.45	320	"	1.02			
	.52	327	"	1.00	89.7	72.5	-163.5
				Charge #88			
3-3-09	P.M. 8.05	0	30	1.38	90.7	72.5	
	.07	2	"	1.44			
	.10	5	"	1.48			
	.15	10	"	1.52			
	.25	20	"	1.57			
	.35	30	"	1.615			
	.45	40	"	1.637			
	9.05	60	"	1.645	90.5	73	
	.25	80	"	1.652			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP elde	
3-3-09	P.M. 9.45	1.00	30	166.5			
	10.05	120	"	166.7	87.5	72.7	
	.25	140	"	166			
	.45	160	"	166.5			
	11.08	183	"	167.4	86.5	73	
	.25	200	"	168.2			
	.45	220	"	169			
3/4	AM 12.05	240	"	170	85.5	73.7	
	.25	260	"	171.7			
	.45	280	"	172.7			
	1.05	300	"	174	85.5	73.7	
	.25	320	"	176			
	.45	340	"	178			
	2.05	360	"	180	85	73	
	.25	380	"	181			
	.45	400	"	182			
	3.05	420	"	182.3	85	72	-7 hrs.

(87)

3/4 Discharge -88

	AM 3.08	-	pm	157			
	.10	0	30	152			
	.12	2	"	141.9			
	.15	5	"	138			
	.20	10	"	136.2			
	.30	20	"	133.8			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP elde	
3/1/09	AM 3.40	30	30	131.5			
	.50	40	"	129.7			
	4.10	60	"	127.9	85	71	
	.30	80	"	126			
	.50	100	"	124.4			
	5.10	120	"	123	84.5	71	
	.30	140	"	122.1			
	.50	160	"	121.4			
	6.10	180	"	120.2	83.5	71	
	.30	200	"	119.8			
	.50	220	"	117			
	7.10	240	"	116.5	83.5	70.2	
	.30	260	"	116			
	.50	280	"	114.1			
	8.10	300	"	112.5	85.2	70.2	
	30	320	"	1.09.5			
	40	330	"	1.07.8			
	50	340	"	1.05.8			
	55	345	"	1.08			
	9.00	350	"	1.03.5			
	05	355	"	1.02.2			
	10	360	"	1.01			
	13	363	"	1.00	88.2	71	-181.5

DATE	TIME	MIN	AMPS	VOLTS	TEMP		
				398	398	Side	
				Charge # 89			
	P.M.						
3-4-09	9.20	0	30	138	90	70.5	
		.22	2	"	1417		
		.25	5	"	149		
		.30	10	"	1502		
		.46	20	"	1562		
		.56	30	"	160		
	10.00	40	"	163			
		.20	60	"	1655	89	70.5
		40	80	"	1658		
	11.00	100	"	1659			
		20	120	"	1662	86.7	70.7
		40	140	"	1665		
	P.M.						
	1.00	160	"	167			
		20	180	"	1677	85	70.7
		40	200	"	1684		
	2.00	220	"	1688			
		20	240	"	1701	84	70.7
		40	260	"	1708		
	3.00	280	"	1722			
		20	300	"	174	83.7	71.5
		40	320	"	1752		
	4.00	340	"	177			
		20	360	"	1792	84	71.7
		40	380	"	181		

DATE	TIME	MIN	AMPS	VOLTS	TEMP		
				398	398	Side	
	P.M.						
3-4-09	4.00	400	30	1.912			
	.20	420	"	1839	83.7	70.5	
				(95.7)			
				Discharge # 89			
	P.M.						
3-4-09	4.23	0	Off	1.598			
	.25	0	30	150			
	.27	2	"	1.415			
	.30	5	"	1.385			
	.35	10	"	1.365			
	.45	20	"	1341			
	.55	30	"	1322			
	5.05	40	"	1307			
	.25	60	"	128	83.7	70.7	
	.45	80	"	1262			
	6.05	100	"	1247			
	.25	120	"	1235	84	71	
	.45	140	"	1225			
	7.05	160	"	122			
	.25	180	"	1205	83.5	71.2	
	.45	200	"	1200			
	8.05	220	"	1192			
	.25	240	"	118	83	71.7	
	.45	260	"	1167			
	9.05	280	"	1162			
	.25	300	"	1154	83.5		

DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP 398 Delta
	PM					
3-4-09	9.45	380	30	1.105		
	1005	340	"	1.067		
	.15	360	"	1.045		
	.25	360	"	1.02	91	77.7
	.31	366	"	1.00		-13.3
				Charge @ 90		
3-4-09	1040	0	30	1.24	93	7.3
	.42	2	"	1.43		
	.45	5	"	1.47		
	.50	10	"	1.50		
	11.00	20	"	1.545		
	.10	30	"	1.595		
	.20	40	"	1.62		
	.40	60	"	1.644	92.7	73.2
3/5	AM 12.00	90	"	1.65		
	.20	100	"	1.651		
	.40	120	"	1.655	89	7.4
	1.00	140	"	1.657		
	.20	160	"	1.66		
	.40	180	"	1.665	87.0	7.4
	2.00	200	"	1.67		
	.20	220	"	1.68		
	.40	240	"	1.695	85.5	7.3
	3.00	260	"	1.70		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS Delta
	AM					
3/5/09	3.20	240	30	1.71.4		
	.40	300	"	173.2	83.5	7.2
	4.00	320	"	174.4		
	.20	340	"	176.4		
	.40	360	"	177.1	8.4	71.5
	5.00	380	"	180		
	.20	400	"	182		
	.40	420	"	183	85.5	71.7
					(87.0)	
				Discharge @ 90		
3/5	AM 5.43	—	4m	159		
	.45	0	30	149		
	.47	2	"	141.9		
	.50	5	"	137.8		
	.55	10	"	136.2		
	6.05	20	"	133.7		
	.15	30	"	132		
	.25	40	"	130.5		
	.45	60	"	128	86	7.1
	7.05	80	"	126		
	.25	100	"	124.3		
	.45	120	"	123.2	84	7.02
	8.05	140	"	122.5		
	25	160	"	121.7		
	.45	180	"	120.6	83.7	7

DATE	TIME	MIN	AMP	VOLTS	TEMP		
				395	398	Idle	
2-5-09	P.M. 9.05	2.00	30	1.20			
	25	2.20	"	1.19			
	45	2.40	"	1.18	88	71.7	
	10.05	2.60	"	1167			
	25	2.80	"	1.15			
	45	3.00	"	1.13	89	72	
	11.05	3.20	"	1106			
	25	3.40	"	1.07			
	35	3.50	"	1.05			
	40	3.55	"	1.041			
	45	3.60	"	1.02	91.5	72.7	
	51	3.66	"	1.004			
	52	3.67	"	1.00	92	72.7	-18.4
				at			
				Charge # 91			
3-5-09	P.M. 1.20	-	30	1.43	86.5	72.5	
	22	2	"	1.487			
	25	5	"	1.477			
	30	10	"	1.545			
	40	20	"	1.597			
	58	38	"	1.627			
	2.20	40	"	1.65			
	40	60	"	1.67	86.5	74.2	
	4.10	80	"	1.667			
	3.00	100	"	1.665			

DATE	TIME	MIN	AMP	VOLTS	TEMP		
				395	398	Idle	
3-5-09	P.M. 3.20	120	30	1.661	86.2	74	
	40	140	"	1.675			
	4.00	160	"	(1.67)			
	20	180	"	1.68	85.5	74.2	
	40	200	"	1.695			
	5.00	220	"	1.697			
	20	240	"	1.71	85.7	74.2	
	40	260	"	1.715			
	6.00	280	"	1722			
	20	300	"	1.72	86	74	
	40	320	"	1.742			
	7.00	340		1.745			
	20	360		1.78	86.5	74.2	
	40	380		1.80			
	8.00	400		1.82			
	20	420		1.825	89	74.5	
	40	440		1.83			
	9.00	460		1.835			
	20	480		1.835	90.5	74.5	-8 hrs.
					(86.5)		
				Discharge # 91			
3-6-09	P.M. 9.20	-	30	1.595			
	25	5	"	1.585			
	30	10	"	1.565			
	40	20	"	1.545			
	55	35	"	1.525			
	10.10	50	"	1.505			
	30	70	"	1.485			
	11.00	100	"	1.465			
	12.00	160	"	1.445			
	1.00	220	"	1.425			
	2.00	280	"	1.405			
	3.00	340	"	1.385			
	4.00	400	"	1.365			
	5.00	460	"	1.345			
	6.00	520	"	1.325			
	7.00	580	"	1.305			
	8.00	640	"	1.285			
	9.00	700	"	1.265			
	10.00	760	"	1.245			
	11.00	820	"	1.225			
	12.00	880	"	1.205			
	1.00	940	"	1.185			
	2.00	1000	"	1.165			
	3.00	1060	"	1.145			
	4.00	1120	"	1.125			
	5.00	1180	"	1.105			
	6.00	1240	"	1.085			
	7.00	1300	"	1.065			
	8.00	1360	"	1.045			
	9.00	1420	"	1.025			
	10.00	1480	"	1.005			
	11.00	1540	"	0.985			
	12.00	1600	"	0.965			
	1.00	1660	"	0.945			
	2.00	1720	"	0.925			
	3.00	1780	"	0.905			
	4.00	1840	"	0.885			
	5.00	1900	"	0.865			
	6.00	1960	"	0.845			
	7.00	2020	"	0.825			
	8.00	2080	"	0.805			
	9.00	2140	"	0.785			
	10.00	2200	"	0.765			
	11.00	2260	"	0.745			
	12.00	2320	"	0.725			
	1.00	2380	"	0.705			
	2.00	2440	"	0.685			
	3.00	2500	"	0.665			
	4.00	2560	"	0.645			
	5.00	2620	"	0.625			
	6.00	2680	"	0.605			
	7.00	2740	"	0.585			
	8.00	2800	"	0.565			
	9.00	2860	"	0.545			
	10.00	2920	"	0.525			
	11.00	2980	"	0.505			
	12.00	3040	"	0.485			
	1.00	3100	"	0.465			
	2.00	3160	"	0.445			
	3.00	3220	"	0.425			
	4.00	3280	"	0.405			
	5.00	3340	"	0.385			
	6.00	3400	"	0.365			
	7.00	3460	"	0.345			
	8.00	3520	"	0.325			
	9.00	3580	"	0.305			
	10.00	3640	"	0.285			
	11.00	3700	"	0.265			
	12.00	3760	"	0.245			
	1.00	3820	"	0.225			
	2.00	3880	"	0.205			
	3.00	3940	"	0.185			
	4.00	4000	"	0.165			
	5.00	4060	"	0.145			
	6.00	4120	"	0.125			
	7.00	4180	"	0.105			
	8.00	4240	"	0.085			
	9.00	4300	"	0.065			
	10.00	4360	"	0.045			
	11.00	4420	"	0.025			
	12.00	4480	"	0.005			

DATE	TIME	MIN	AMP	VOLTS 398	TEMP. 398	Idle	
2-5-09	9.35	10	20	1335			
	45	20	"	1355			
	.55	30	"	1337			
	10.05	40	"	1317			
	25	60	"	1295	94.7	74.5	
	45	80	"	127			
	11.05	100	"	1265			
	25	120	"	1242	91.5	74.7	
	45	140	"	1235			
	12.05	160	"	1223			
	25	180	"	1217	92.2	75	
	45	200	"	1211			
	1.05	220	"	12092			
	25	240	"	119	92.5	76	
	45	260	"	118			
	2.05	280	"	116.9			
	25	300	"	115.6	93	75.7	
	45	320	"	112.2			
	3.05	340	"	111			
	25	360	"	109.4	93.5	75.5	
	45	380	"	105.5			
	4.0	395	"	104			
	45	380	"	102.4			
	5.0	365	"	1011			
	5.3	378	"	100	94	75.5	=194

DATE	TIME	MIN	AMP	VOLTS 398	TEMP. 398	IDLE
3/6/09	AM			Charge - 92		
	4.00	0	120	134	93.5	75.5
	.02	2	"	141.7		
	.05	5	"	145.4		
	.10	10	"	149		
	.20	20	"	155		
	.30	30	"	158.4		
	.40	40	"	172.1		
	5.00	60	"	164.6	93.5	75
	.20	80	"	165		
	.40	100	"	165		
	6.00	120	"	165.5	92.2	74.7
	.20	140	"	165.8		
	.40	160	"	166		
	7.00	180	"	166.2	89.5	75.2
	.20	200	"	166.5		
	.40	220	"	167.5		
	8.00	240	"	168	89	76
	.20	260	"	169		
	.40	280	"	170		
	9.00	300	"	172	89	76
	.20	320	"	173		
	.40	340	"	174		
	10.00	360	"	176	89	74
	.20	380	"	178		

DATE	TIME	MIN.	AMP.	VOLTS	TEMP. 398	TEMP. 398 delta	
	P.M.						
3-6-09	10.45	400	30.	1.31			
	11.00	420	"	1.35	88?	74?	
	.20	440	"	1.32			
	.40	460	"	1.34			
	A.M. 12.00	480	"	1.94	91.	76.	- 8 hours
					(90)		
				discharge 92			
3-6-09	P.M. 12.03	-	0	1.69			
	.05	0	30	1.51			
	.07	2	"	1.42			
	.10	5	"	1.32			
	.15	10	"	1.32			
	.22	20	"	1.34?			
	.27	20	"	1.34			
	.35	40	"	1.33			
	.45	60	"	1.32	90.	75?	
	.52	60	"	1.32			
	.65	100	"	1.25			
	7.05	120	"	1.24	90?	73.	
	.25	140	"	1.23			
	.45	160	"	1.22			
	8.05	180	"	1.21	89?	72?	
	.25	200	"	1.20			
	.45	220	"	1.19			
	9.05	240	"	1.18	90?	74?	

DATE	TIME	MIN.	AMP.	VOLTS 398	TEMP. 398	TEMP. delta	
	P.M.						
3-6-09	4.25	260	30	1.18			
	.45	280	"	1.16			
	5.05	300	"	1.15	92	73?	
	.25	320	"	1.13			
	.45	340	"	1.107			
	6.05	360	"	1.077	93	74	
	.15	376	"	1.055			
	20	376	"	1.041			
	25	380	"	1.026			
	30	385	"	1.008			
	33	388½	"	1.00	94	74	- 10 hrs.
				stood (this for + half (35/6) hours over Sunday 7th			
3/6	AM			discharge		93	
	6.00	0	30.	1.49	73.5	73	
	.02	2	"	1.55			
	.05	5	"	1.59			
	.10	10	"	1.63			
	120	20	"	1.66.2			
	.30	30	"	1.67.2			
	.40	40	"	1.72.7			
	7.00	60	"	1.69	77	78.5	
	.20	80	"	1.67			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE	
3/8/09	AM 7.45	100	30	1681			
	8.00	120	"	1682	80.2	74	
	20	140	"	1686			
	40	160	"	1688			
	9.00	180	"	1691	81	73.7	
	20	200	"	1688			
	40	220	"	1702			
	10.00	240	"	171	81.2	72.5	
	20	260	"	1716			
	40	280	"	1727			
	11.00	300	"	1737	82.2	73.2	
	20	320	"	1745			
	40	340	"	176			
	P.M. 12.00	360	"	1772	83.2	73.2	
	20	380	"	1795			
	40	400		182			
	1.00	420		1835	86	73.7	
	20	440		1842			
	40	460		1844			
	2.00	480		1846	87.7	74	-8 hrs.
					(81)		
				Discharge #93			
3-8-09	P.M. 2.03	—	Open	1595			
	05	0	30	152			
	07	2	"	142			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS Idle	
3-8-09	P.M. 2.10	5	30	1.325			
	15	10	"	1.362			
	25	20	"	1.345			
	35	30	"	1.325			
	45	40	"	1.315			
	3.05	60	"	1.286	87.2	74	
	25	80	"	1.266			
	45	100	"	1.25			
	4.05	120	"	1.238	88.2	74	
	25	140	"	1.226			
	45	160	"	1.22			
	5.05	180	"	1.212	88.2	74	
	25	200	"	1.205			
	45	220	"	1.20			
	6.05	240	"	1.192	90.2	74.5	
	25	260	"	1.182			
	45	280	"	1.17			
	7.05	300	"	1.157	92	75	
	25	320	"	1.135			
	45	340	"	1.113			
	8.05	360	"	1.082	93.2	75	
	25	370	"	1.065			
	35	380	"	1.02			
	38	385	"	1.00	94	75.2	-10.215

DATE	TIME	MIN	AMPS	VOLTS 394	TEMP. 398	TEMP. Idle
			Charge # 94			
3-8-09	P.M. 8.40	0	20	1.56	94.2	75
	.42	2	"	1.43		
	.45	5	"	1.465		
	.50	10	"	1.60		
	9.00	20	"	1.56		
	.10	30	"	1.60		
	.20	40	"	1.62		
	.40	60	"	1.655	95	75.5
	10.00	80	"	1.66		
	.20	100	"	1.657		
	.40	120	"	1.657	93	76
	11.02	142	"	166		
	.20	160	"	166.1		
	.40	180	"	166.2	91.5	76
3/9	AM 12.00	200	"	167		
	.20	220	"	167.8		
	.40	240	"	168.5	90	76
	1.00	260	"	169.7		
	.20	280	"	170.7		
	.40	300	"	171.8	90	76
	2.00	320	"	173		
	.20	340	"	173.8		
	.40	360	"	175.3	90	76.5
	3.00	380	"	177		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	TEMP. Idle	
3/9/09	AM 3.20	400	30	179.9			
	.40	420	"	182.1	91	76.5	
	4.00	440	"	183.3			
	.20	460	"	184			
	.40	480	"	184	92	76.2	-8 hrs.
					(91.8)		
3/9			Discharge			94	
	AM 4.43	—	0	159			
	.45	0	30	150			
	.47	2	"	142.7			
	.50	5	"	139			
	.55	10	"	137			
	5.05	20	"	134.5			
	.15	30	"	132.9			
	.25	40	"	131.7			
	.45	60	"	128.9	92	76	
	6.05	80	"	127			
	.25	100	"	125.8			
	.45	120	"	124.3	92	76.5	
	7.05	140	"	123.2			
	.25	160	"	122.2			
	.45	180	"	121.9	92	76.2	
	8.07	202	"	121			
	.25	220	"	120.1			
	.45	240	"	119.3	91	76	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle
3-9-09	9.05	260	30	1.192		
	25	2.80	"	1.17		
	45	3.00	"	1.151	90?	75.5
	10.05	3.20	"	1.137		
	25	3.40	"	1.114		
	45	3.60	"	1.093		
	55	3.70	"	1.085	91.5	75
	11.00	3.75	"	1.05		
	11.05	3.80	"	1.038		
	11.10	3.85	"	1.017		
	15	3.90	"	1.002		
	19½	3.95	"	1.00	91	75 — 19.5.3

Change #95

3-9-09	PM 1.40	=	30	1.139	93	75
	42	2	"	1.145.2		
	45	5	"	1.147		
	50	10	"	1.151.2		
	PM 1.55	20	"	1.156.5		
	1.00	30	"	1.159.5		
	20	40	"	1.163		
	40	60	"	1.165	91.5	75
	1.00	80	"	1.165.9		
	20	1.00	"	1.165.8		
	40	1.20	"	1.161	92	75.2

DATE	TIME	MIN	AMPS	VOLTS 394	TEMP. 394	Idle
3-9-09	PM 1.00	140	30	1.66		
	20	1.60	"	1.662		
	40	1.80	"	1.663	89	76
	3.00	2.00	"	1.669		
	20	2.20	"	1.672		
	40	2.40	"	1.68	887	76
	4.00	2.60	"	1.69		
	20	2.80	"	1.70		
	40	3.00	"	1.717	887	76.2
	5.00	3.20	"	1.723		
	20	3.40	"	1.74		
	40	3.60	"	1.75	89	76.2
	6.00	3.80	"	1.772		
	20	4.00	"	1.815		
	40	4.20	"	1.932	90	77
	7.00	4.40	"	1.84		
	20	4.60	"	1.842		
	40	4.80	"	1.842	92	77.2
	8.00	5.00	"	1.845		
	20	5.20	"	1.842		
	40	5.40	"	1.856	94	77.5
	9.00	5.60	"	1.855		
	20	5.80	"	1.851		
	40	6.00	"	1.8	93	77.2 — 10 hrs

DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP 399	TEMP Idle
			Discharge 95				
	PM						
3-9-09	9.43	0hrs	-	1.345			
	.45	0	30	1.50			
	.47	2	"	1.84			
	.50	5	"	1.39			
	.55	10	"	1.317			
	10.05	20	"	1.265			
	.15	30	"	1.342			
	.25	40	"	1.325			
	.45	60	"	130.2	96.2	77.5	
	11.05	80	"	127.9			
	.25	100	"	126.2			
	.45	120	"	125	94	77.7	
3/10	AM 12.05	140	"	123.9			
	.25	160	"	123			
	.45	180	"	122.1	94.5	78	
	1.05	200	"	121.3			
	.25	220	"	120.5			
	.45	240	"	120	95	78.2	
	2.05	260	"	119.4			
	.25	280	"	118.2			
	.45	300	"	117	95.5	78	
	3.05	320	"	116.8			
	.25	340	"	115.5			
	.45	360	"	114.5	96	77.7	

DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP 398	TEMP 5/12	
	AM							
3/4/09	4.05	380	30	106.3				
	.15	390	"	106.7				
	.25	400	"	104				
	.35	410	"	101				
	.37½	412½	"	100	97.5	78		-206.2
3/10	AM			charge 96				
	6.00	0	30	138	96.7	77.7		
	.02	2	"	143				
	.05	5	"	146				
	.11	10	"	149.8				
	.21	20	"	155.6				
	.30	30	"	158.2				
	.40	40	"	161.3				
	6.00	60	"	163.1	95	77.5		
	20	80	"	165				
	.40	100	"	166				
	7.00	120	"	165	93.7	78		
	.20	140	"	165				
	.40	160	"	165.7				
	8.00	180	"	166	91.5	78		
	20	200	"	166.9				
	40	220	"	167.4				
	9.00	240	"	168	90	78.5		

DATE	TIME	MIN	AMPS	VOLTS	TEMP.		
				398	398	Idle	
3-18-09	P.M. 9.20	260	30	1685			
	40	280	"	1697			
	10.00	300	"	1706	89	77	
	20	320	"	1718			
	40	340	"	1725			
	11.00	360	"	1735	90.7	77.2	
	20	380	"	175			
	40	400	"	180			
	P.M. 12.00	420	"	1817	93	77.7	
	20	440	"	183			
	40	460	"	1845			
	1.00	480	"	185	92	76.5	
	20	500	"	1852			
	40	520	"	1852			
	2.00	540	"	1858	91.5	96	
	20	560	"	1857			
	40	580	"	186			
	300	6.00	"	186	91	76	-10 lbs.
					(92.4)		
				Discharge #96			
3-10-09	P.M. 3.03	-	Open	159.8			
	.05	0	30	157			
	.07	2	"	142			
	.10	5	"	139			
	.15	10	"	137			

DATE	TIME	MIN	AMPS	VOLTS	TEMP.		
				398	398	Idle	
3-10-09	P.M. 3.25	20	20	1357			
	35	30	"	1325			
	45	40	"	1317			
	4.05	60	"	129	88.5	74.5	
	25	80	"	127			
	45	100	"	1253			
	5.05	120	"	1238	88	74.2	
	25	140	"	1226			
	.45	160	"	1217			
	6.05	180	"	121	85	74	
	.25	200	"	1202			
	.45	220	"	1195			
	7.05	240	"	119	86.5	74.2	
	.25	260	"	1182			
	.45	280	"	1173			
	8.05	300	"	1157	82.5	74	
	.25	320	"	1135			
	.45	340	"	1125			
	9.05	360	"	1095	82.2	71.5	
	.25	380	"	1067			
	.35	390	"	1052			
	.45	400	"	1.02			
	.49	404	"	1.00	88	73	-202.2

DATE	TIME	MIN.	AMP	VOLTS 39F	TEMP 39F	TEMP 104F
				Charge #97		
	P.M.					
3-10-09	1.00	0	30	1.37	86.7	79.5
	.02	2	"	1.42		
	.05	5	"	1.455		
	.10	10	"	1.502		
	.20	20	"	1.555		
	.30	30	"	1.589		
	.40	40	"	1.605		
	11.00	60	"	1.66	86.2	71.5
	.20	80	"	1.662		
	.40	100	"	1.661		
3/11	A.M. 12.00	120	"	1.661	84.5	71.7
	.20	140	"	1.667		
	.40	160	"	1.671		
	1.00	180	"	1.676	83.2	71.5
	.20	200	"	1.678		
	.40	220	"	1.68		
	2.00	240	"	1.69	83	71.7
	.20	260	"	1.70		
	.40	280	"	1.71		
	3.00	300	"	1.72	83.7	72
	.20	320	"	1.73.4		
	.40	340	"	1.74.7		
	4.00	360	"	1.75.8	84	71.2
	.20	380	"	1.77.8		

DATE	TIME	MIN	AMPS	VOLTS 39F	TEMPS 39F	TEMPS 104F
	A.M.					
3/11/09	4.40	400	30	180.9		
	5.00	420	"	183	85.7	72
	.20	440	"	185		
	.40	460	"	186		
	6.00	480	"	186	87	72
	.20	500	"	186.1		
	.40	520	"	186.1		
	7.00	540	"	186	89.2	72.5
	.20	560	"	186		
	.40	580	"	186.1		
	8.00	600	"	186.3	88.2	71.5
	.20	620	"	186.7		
	40	640	"	186.9		
	9.00	660	"	186.7	88.2	72
	20	680	"	186.6		
	40	700	"	186.6		
	10.00	720	"	186.2	90	71.5 -12 hrs.
				(361)		
				Discharge #97		
	P.M.					
3-11-09	1.00.03	—	0 on	1.682		
	.05	2	3 on	1.51		
	.07	4	"	1.48.7		
	1.0	5	"	1.33.7		
	1.5	10	"	1.32.8		
	2.5	20	"	1.32.7		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
	P.M.						
3-11-09	1.35	30	30	1.338			
	45	40	"	1325			
	11.05	60	"	1297	89.7	72.2	
	25	80	"	1278			
	45	100	"	126			
	1205	120	"	1245	89	73.2	
	25	140	"	1235			
	45	160	"	1225			
	1.05	180	"	1215	87.2	72.5	
	25	200	"	121			
	45	220	"	1202			
	2.05	240	"	1198	88.7	73.5	
	25	260	"	1187			
	45	280	"	118			
	3.05	300	"	1167	90.2	74.2	
	25	320	"	1156			
	45	340	"	114			
	4.05	360	"	1118	92	75	
	25	380	"	1094			
	35	390	"	1077			
	45	400	"	1.06			
	5.0	405	"	1047			
	.55	410	"	1032			
	5.00	415	"	1018			
	05	420	"	1002			
	06	421	"	1.00	93.5	75.2	-210.5

DATE	TEME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle
				Change # 98		
	P.M.					
3-11-09	5.10	0	30	1.35	93.5	75.2
	.12	2	"	1.42		
	.15	5	"	1.448		
	.20	10	"	1.483		
	.30	20	"	1.532		
	.40	30	"	1.575		
	.50	40	"	160		
	6.10	60	"	162	94	75
	.30	80	"	1647		
	.50	100	"	165		
	7.10	120	"	1655	91.5	76
	.30	140	"	1655		
	.50	160	"	1657		
	8.10	180	"	166	90.5	76
	.30	200	"	1665		
	.50	220	"	167		
	9.10	240	"	1677	90	76
	.30	260	"	1685		
	.50	280	"	170		
	10.10	300	"	1725	89	76
	.30	320	"	1722		
	.50	340	"	1732		
	11.10	360	"	175	88.7	75.5
	.30	380	"	-171.1		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
3/11/09	PM 11.50	400	30	178.7			
3/12	AM 12.10	420	"	181.2	89.2	75.5	
	.30	440	"	183.9			
	.50	460	"	185			
	1.10	480	"	185.1	91.7	75.5	
	.30	500	"	185.1			
	.50	520	"	185.4			
	2.10	540	"	185.3	93.2	75.7	
	.30	560	"	185.1			
	.50	580	"	185.2			
	3.10	600	"	185	94	75.5	
	.30	620	"	185			
	.50	640	"	185.3			
	4.10	660	"	185	94.5	75	
	.30	680	"	185.5			
	.50	700	"	185.5			
	5.10	720	"	185.7	94	74.2	-12 lbs.
					(91.7)		
			Discharg			98	
3/12	AM 5.13	—	1 pm	159.8			
	.15	0	30	151			
	.17	2	"	143.5			
	.20	5	"	139.4			
	.25	10	"	137.8			
	.35	20	"	135.4			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
3/12/09	AM 5.45	30	30	133.7			
	.55	40	"	132.1			
	6.15	60	"	129.7	92.5	73	
	.35	80	"	127.7			
	.55	100	"	125.8			
	7.15	120	"	124.5	90.5	73	
	.35	140	"	123.2			
	.55	160	"	122.3			
	8.15	180	"	121.7	88.5	72	
	.35	200	"	1.207			
	.55	220	"	1.201			
	9.15	240	"	1.195	88	71.5	
	.35	260	"	1.186			
	.55	280	"	1.18			
	10.15	300	"	1.166	89.7	71.7	
	.35	320	"	1.154			
	.55	340	"	1.138			
	11.15	360	"	1.117	90	72	
	.35	380	"	1.09			
	.55	400	"	1.058			
	PM 12.00	405	"	1.047			
	.05	410	"	1.035			
	.10	415	"	1.021			
	.15	420	"	1.006			
	16½	421½	"	1.00	93.7	73.5	210.7

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Odle
				Charge	99	
	PM					
3-11-09	10:35	—	30	136	95.5	71
	37	2	"	1434		
	40	5	"	146		
	45	10	"	1495		
	55	20	"	154		
	1.05	30	"	157		
	15	40	"	1612		
	25	60	"	165		
	35	80	"	166	89.5	72.7
	2.15	100	"	1634		
	35	120	"	1657		
	55	140	"	1678	87.5	74
	3.15	160	"	168		
	35	180	"	1683		
	55	200	"	1686	85.7	76
	4.15	220	"	1695		
	35	240	"	1692		
	55	260	"	169	84.2	77.2
	5.15	280	"	170		
	35	300	"	171		
	55	320	"	1705	84.5	77
	6.15	340	"	1705		
	35	360	"	1705		
	55	380		1705	86	77

DATE	TIME	MIN	AMPS	VOLT 394	TEMP. 394	Odle
	PM					
3-11-09	7.15	400	30	186		
	35	420	"	1932	83	74.5
	55	440	"	193		
	8.15	460	"	1935		
	35	480	"	1952	86	75
	55	500	"	196		
	9.15	520	"	196		
	35	540	"	194	90	76
	55	560	"	194		
	10.15	580	"	1955		
	55	600	"	1955	92	76
	55	620	"	1967		
	11.15	640	"	1958		
	35	660	"	1955	91.5	76.5
	55	680	"	1954		
3/13	12.15	700	"	1962		
	35	720	"	1953	94.5	77.5
	55	740	"	195		
	1.15	760	"	1951		
	35	780	"	1953	93.2	78.7
	55	800	"	1955		
	2.15	820	"	1955		
	35	840	"	1955	93.5	79.5
	55	860	"	1955		
	3.15	880	"	195		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	TEMP. Idle	
3/13/09	AM 3.35	900	30	185.2	93.2 (89.2)	70.5	-15 hrs.
			Discharge			99	
3/13	AM 3.38	—	open	159.9			
	.40	0	30	151			
	.42	2	"	143.7			
	.45	5	"	139.4			
	.50	10	"	137.4			
	4.00	20	"	135			
	.10	30	"	133.6			
	.20	40	"	132.2			
	.40	60	"	129.7	92	70.7	
	5.00	80	"	127.8			
	.20	100	"	125.7			
	.40	120	"	124.5	91.7	71.7	
	6.00	140	"	123.3			
	.20	160	"	122.3			
	.40	180	"	121.7	92	72.7	
	7.00	200	"	121			
	.20	220	"	120.5			
	.40	240	"	119.8	92.7	74	
	8.00	260	"	119			
	.20	280	"	118.2			
	.40	300	"	117.2	92.7	94.5	
	9.00	320	"	116			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	TEMP. Idle	
3-13-09	AM 9.20	340	20	1146			
	40	360	"	1.13	93.2	74.2	
	10.00	380	"	1106			
	20	400	"	1.08			
	30	410	"	1.065			
	40	420	"	1.038			
	45	425	"	1.025	93.2	74	
	50	430	"	1.008			
	52½	432½	"	100	94.7	74	-216.1
				Stood idle 41 hrs over Sunday			
				Charge # 100			
3-15-09	AM 4.00	0	20	1.47	71.5	70.5	
	.02	2	"	1.56			
	.05	5	"	1.60			
	.10	10	"	1.63			
	.20	20	"	1.665			
	.30	30	"	1.69			
	.40	40	"	1.70			
	5.00	60	"	1.695	71.5	70	
	.20	80	"	1.69			
	.40	100	"	1.69			
	6.00	120	"	1.68	80	70	
	.20	140	"	1.685			

DATE	TIME	MIN	AMBS	VOLTS 398	TEMP. 398	TEMP. Idle
2-15-09	AM 6.00	160	20	1687		
	7.00	180	"	1689	82.5	70
	20	200	"	1695		
	40	220	"	1700		
	800	240	"	1705	83.5	70.2
	20	260	"	1711		
	40	280	"	1722		
	900	300	"	1.73	83.5	71.7
	20	320	"	1737		
	40	340	"	1746		
	1000	360	"	1.76	84.2	71
	20	380	"	1775		
	40	400	"	1797		
	1100	420	"	1822	86	71.2
	20	440	"	1842		
	40	460	"	1855		
	PM 12.00	480	"	1857	87	71.2
	20	500	"	186		
	40	520	"	1862		
	100	540	"	186	87.5	71
	20	560	"	1862		
	40	580	"	1863		
	200	600	"	1862	89.2	71.2
	20	620	"	186		
	40	640	"	186		

DATE	TIME	MIN	AMBS	VOLTS 398	TEMP. 398	TEMP. Idle
3-15	PM 3.00	660	30	1857	90.2	71.5
	20	680	"	186		
	40	700	"	186.1		
	400	720	"	185.8	92	72
	20	740	"	1857		
	40	760	"	1852		
	500	780	"	1852	93.5	73
	20	800	"	185		
	40	820	"	184.5		
	600	840	"	184.7	95.2	73.5
	20	860	"	184.5		
	40	880	"	184.4		
	700	900	"	184.2	96	74.5 — 15 hrs.
					(86.2)	
3/15				Discharge		100
	PM 7.03	—	0	159		
	05	0	30	150		
	07	2	"	142		
	10	5	"	138.6		
	15	10	"	137.6		
	25	20	"	135.2		
	35	30	"	133.2		
	45	40	"	132		
	8.05	60	"	129.7	91.8	75
	[illegible]	[illegible]	"	127.5		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	Idle
3/15/09	PM 8.45	100	30	125.8		
	9.05	120	"	124.2	95.7	75
	.25	140	"	123.6		
	.45	160	"	122.2		
	10.05	180	"	121.7	96	75.7
	.25	200	"	120.9		
	.45	220	"	120.1		
	11.05	240	"	119.8	97	76
	.25	260	"	118.5		
	.45	280	"	118		
3-16-09	A.M. 12.05	300	"	116.7	98.5	76
	.25	320	"	116		
	.45	340	"	114.7		
	1.05	360	"	1025	98.5	76.2
	.25	380	"	1105		
	.45	400	"	1095		
	.55	410	"	1.04		
				current off minute		
	2.06	420	"	1022	99	76.2
	.11	425	"	1002		
	.12	426	"	1.00		

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DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	Idle
				Change = 101		
3-16-09	A.M. 2.30	0	30	1.38	101	77
	.32	2	"	1427		
	.35	5	"	146		
	.40	10	"	1497		
	.50	20	"	1552		
	3.00	30	"	158		
	.10	40	"	1615	96	77.2
	.30	60	"	164		
	.50	80	"	1652		
	4.10	100	"	1655	94.2	77
	.30	120	"	1655		
	.50	140	"	1657		
	5.10	160	"	166		
	.30	180	"	1665	90.7	77
	.50	200	"	167		
	6.10	220	"	1672		
	.30	240	"	168	89.2	76.5
	.50	260	"	169		
	7.10	280	"	1702		
	.30	300	"	1712	88	76
	.50	320	"	1722		
	8.10	340	"	173		
	.30	360	"	1745	87	75
	.50	380	"	1737		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	TEMP. Idle	
3-16-7	A.M. 9.10	400	30	1774			
	30	420	"	1797	87.7	74	
	50	440	"	1827			
	10.10	460	"	1846			
	30	480	"	1855	88	72.7	
	50	500	"	186			
	11.10	520	"	1862			
	30	540	"	1865	88.5	71.5	
	50	560	"	1865			
	P.M. 12.10	580	"	1867			
	30	600	"	1867	89	71	
	50	620	"	1865			
	1.10	640	"	186			
	30	660	"	186	91	70.5	
	50	680	"	186			
	2.10	700	"	186			
	30	720	"	186	91.5	70.7	
	50	740	"	1857			
	3.10	760	"	1857			
	30	780	"	1857	92	70.5	
	50	800	"	1857			
	4.10	820	"	1855			
	30	840	"	1857	93	70.5	
	50	860	"	1855			
	5.10	880	"	1855			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	TEMP. Idle	
3-16	P.M. 5.30	900	30	1.852	93.5 (91.2)	71	-15 hrs.
				Discharge* 101			
3-16	P.M. 5.33	—	Open	1592			
	.35	0	30	151			
	.37	2	"	1.425			
	.40	5	"	1285			
	.45	10	"	137			
	.55	20	"	135			
	6.05	30	"	1333			
	.15	40	"	131.8			
	.35	60	"	129.5	92.2	71	
	.55	80	"	127.4			
	7.15	100	"	125.8			
	.35	120	"	124.2	91.5	71.5	
	.55	140	"	123			
	8.15	160	"	122.1			
	.35	180	"	121.4	90	71	
	.55	200	"	121			
	9.15	220	"	120.1			
	.35	240	"	119.7	90.5	71	
	.55	260	"	119			
	10.15	280	"	1.182			
	.35	300	"	1.172	91.5	71.5	
	.55	320	"	1.162			

DATE	TIME	MIN.	AMP.	VOLTS 398	TEMP 398	TEMP Cdle	
	PM.						
3-16-09	11.15	340	20	1.147			
	.35	360	"	1.132	93.5	72.5	
	.55	380	"	1.11			
	AM.						
3-17-09	12.15	400	"	1.085			
	.25	410	"	1.065			
	.35	420	"	1.045	95.2	72.5	
	.45	430	"	1.017			
	.50	425	"	1.00			-217.5

Change 102

DATE	TIME	MIN.	AMP.	VOLTS 398	TEMP 398	TEMP Cdle	
	AM						
3-17-09	1.05	0	20	1.38	95.5	72.5	
	.07	2	"	1.432			
	.10	5	"	1.472			
	.15	10	"	1.502			
	.25	20	"	1.555			
	.35	30	"	1.585			
	.45	40	"	1.61			
	2.05	60	"	1.645	92.5	72.5	
	.25	80	"	1.652			
	.45	100	"	1.655			
	3.05	120	"	1.657	92.2	73.2	
	.25	140	"	1.657			
	.45	160	"	1.66			
	4.05	180	"	1.67	90.5	74	
	.25	200	"	1.67			

DATE	TIME	MIN.	AMP.	VOLTS 398	TEMP 398	TEMP Cdle	
	AM						
3-17-09	4.45	220	20	1.677			
	5.05	240	"	1.682	89	74	
	.25	260	"	1.683			
	.45	280	"	1.697			
	6.05	300	"	1.705	89.2	74.5	
	.25	320	"	1.715			
	.45	340	"	1.725			
	7.05	360	"	1.735	88.7	74.5	
	.25	380	"	175			
	.45	400	"	178			
	8.05	420	"	180	89.5	74.5	-7 hrs.
					(91)		

Discharge # 102

DATE	TIME	MIN.	AMP.	VOLTS 398	TEMP 398	TEMP Cdle	
	AM						
3-17-09	8.08	—	0	1.575			
	.10	2	30	1.50			
	.12	2	"	1.43			
	.15	5	"	1.385			
	.20	10	"	1.36			
	.30	20	"	1.335			
	.40	30	"	1.317			
	.50	40	"	1.302			
	9.10	60	"	1.278	88	74	
	.30	80	"	1.26			
	.50	100	"	1.245			
	10.10	120	"	1.234	85.5	74.7	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
	A.M.						
3-17-09	10.30	140	30	1224			
	50	160	"	1215			
	11.10	180	"	1206	89.5	74.7	
	30	200	"	1202			
	50	220	"	1192			
	P.M. 12.10	240	"	1185	90.2	74.7	
	30	260	"	117			
	50	280	"	116			
	1.10	300	"	114.4	92.5	75.2	
	30	320	"	113			
	50	340	"	111			
	2.00	350	"	108			
	10	360	"	1057	93	75.2	
	15	365	"	104			
	20	370	"	1025			
	25	375	"	101			
	29	379	"	100	93.2	75.2	-189.5*
				Charge # 103			
3-17-09	P.M. 2.45	—	30	138	(91)		
	47	2	"	143.9			
	5.0	5	"	145.6			
	55	10	"	151			
	3.05	20	"	156.3			
	15	30	"	159.8			

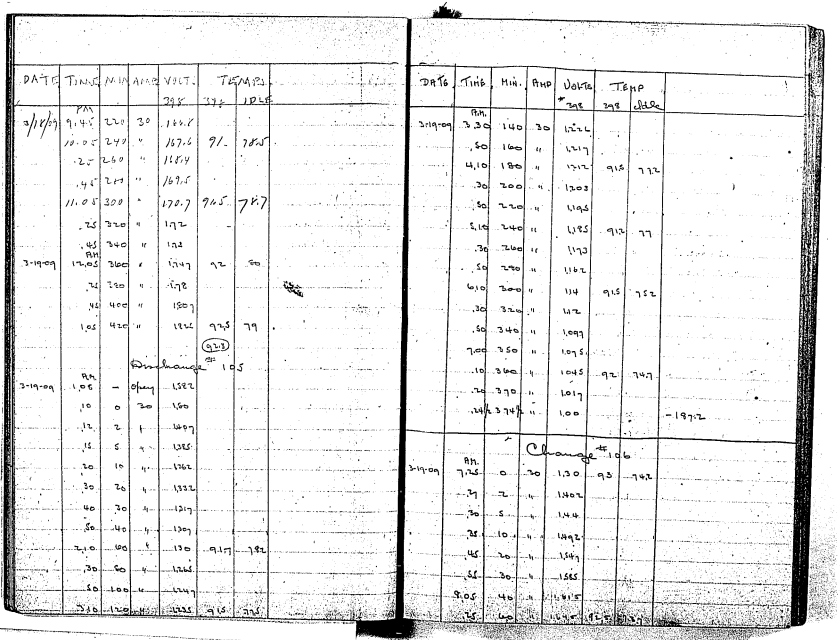
DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
	P.M.						
3/17/09	3.25	40	30	162.2			
	45	60	"	165	91	72.9	
	4.05	80	"	165.4			
	25	100	"	1655			
	45	120	"	1655	89.2	73.5	
	5.05	140	"	1656			
	25	160	"	1661			
	45	180	"	1662	88	73.7	
	6.05	200	"	167			
	25	220	"	167.6			
	45	240	"	168.1	88	74.5	
	7.05	260	"	169			
	25	280	"	170.1			
	45	300	"	171.9	87	74.5	
	8.05	320	"	173.5			
	25	340	"	175.2			
	45	360	"	177.2	85.5	72.2	
	9.05	380	"	179.9			
	25	400	"	181.9			
	45	420	"	183.2	87	73	-7 lbs.
					(89)		
	P.M.			Discharge		103	
3/17	9.45	—	30	156.6			
	50	0	"	149			
	55	2	"	94.2			

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP IDLE
	PM					
3/17/09	9.55	5	20	1374		
	10.05	10	"	1374		
	.15	20	"	1373		
	.20	30	"	1375		
	.29	40	"	1351		
	.50	60	"	1377	88	73
	11.10	80	"	1358		
	.30	100	"	1362		
	.50	120	"	1382	93	73
	AM					
3/18/09	12.10	140	"	1372		
	.30	160	"	1413		
	.50	180	"	1209	96	735
	1.10	200	"	1420		
	.30	220	"	1418		
	.50	240	"	1418	965	73
	2.10	260	"	1467		
	.30	280	"	1455		
	.50	300	"	1414	895	73
	3.10	320	"	1415		
	.30	340	"	1387		
	40	360	"	1069		
	.50	380	"	1042	91	735
	4.00	390	"	1013		
	.04	394	"	1000		-197

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP IDLE
				Change 104		
	AM.					
3/18/09	4.20	0	20	1388	915	735
	.22	2	"	1425		
	.25	5	"	1346		
	.30	10	"	1350		
	.40	20	"	1365		
	.50	30	"	1395		
	5.00	40	"	1402		
	.20	60	"	1432	91	737
	.40	80	"	1465		
	6.00	100	"	1466		
	.20	120	"	1466	889	74
	40	140	"	1462		
	7.00	160	"	1465		
	.20	180	"	1467	88	735
	40	200	"	1468		
	8.00	220	"	1465		
	.20	240	"	1469	84	735
	40	260	"	1705		
	9.05	285	"	1732		
	20	300	"	1725	849	732
	40	320	"	1714		
	10.00	340	"	1754		
	20	360	"	1737	855	735
	40	380	"	1707		

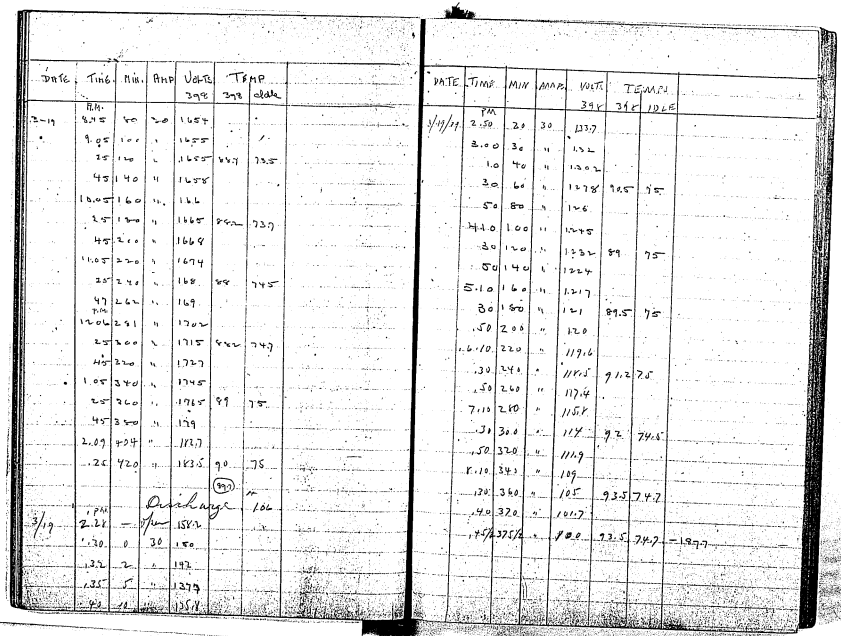
DATE	TIME	MIN.	AMP.	VOLTS #398	TEMP #398	TEMP Idle
3-18-09	A.M. 11.00	400	30	1326		
	20	420	"	184	87.7	735
					(87.6)	
				Discharge 104		
3-18-09	A.M. 11.23	—	Open	158		
	25	0	30	146		
	27	2	"	1425		
	30	5	"	138		
	35	10	"	136		
	45	20	"	1327		
	55	30	"	132		
	P.M. 12.05	40	"	1305		
	25	60	"	128	88.5	737
	45	80	"	126		
	1.05	100	"	1246		
	25	120	"	1236	89	74
	45	140	"	1226		
	2.05	160	"	1217		
	25	180	"	121	89	74
	45	200	"	120		
	3.05	220	"	1192		
	25	240	"	1192	89	74.2
	45	260	"	117		
	4.05	280	"	1156		
	25	300	"	1118	90	74.5

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle
3-18-09	P.M. 4.45	320	30	1112		
	5.05	340	"	1085		
	15	350	"	1065		
	25	360	"	1045	93	75.5
	30	365	"	1026		
	35	370	"	109		
	38½	373½	"	100	93.2	76
						−186.7
3/18	PM			Charge 105		
	6.05	0	30	139.7	94.5	76
	.07	2	"	144.3		
	.10	5	"	147		
	.15	10	"	150.8		
	.25	20	"	156		
	.35	30	"	159.4		
	.45	40	"	161.9		
	7.05	60	"	164.7	94	77
	.25	80	"	165		
	.45	100	"	165		
	8.05	120	"	165	92	77
	.25	140	"	165.2		
	.45	160	"	165.5		
	9.05	180	"	165.8	91.5	77.7
	.25	200	"	166.2		



DATE	TIME	MIN	AMP	VOLT. 298	TEMPS 298	TEMPS IDLE
3/18/09	PM 9.45	220	30	166.8		
	10.05	240	"	167.6	91	78.5
	.25	260	"	168.4		
	.45	280	"	169.5		
	11.05	300	"	170.7	91.5	78.7
	.25	320	"	172		
	.45	340	"	173		
3-19-09	AM 12.05	360	"	1.747	92	80
	.25	380	"	1.78		
	.45	400	"	1.807		
	1.05	420	"	1.825	92.5	79
					(92.3)	
			Discharge # 105			
3-19-09	AM 1.05	–	0/any	1.582		
	.10	0	30	1.60		
	.12	2	1	1.407		
	.15	5	"	1.385		
	.20	10	"	1.362		
	.30	20	"	1.332		
	.40	30	"	1.317		
	.50	40	"	1.307		
	2.10	60	"	1.30	91.7	78.2
	.30	80	"	1.265		
	.50	100	"	1.247		
	3.10	120	"	1.235	91.5	77.5

DATE	TIME	MIN.	AMP	VOLTS # 298	TEMP 298	TEMP idle
3-19-09	AM 3.30	140	30	1.226		
	.50	160	"	1.217		
	4.10	180	"	1.212	91.5	77.2
	.30	200	"	1.203		
	.50	220	"	1.195		
	5.10	240	"	1.185	91.2	77
	.30	260	"	1.173		
	.50	280	"	1.162		
	6.10	300	"	1.14	91.5	75.2
	.30	320	"	1.12		
	.50	340	"	1.097		
	7.00	350	"	1.075		
	.10	360	"	1.045	92	74.7
	.20	370	"	1.017		
	.24 1/2	374 1/2	"	1.00		-187.2
			Change # 106			
3-19-09	AM 7.25	0	30	1.30	93	74.2
	.27	2	"	1.402		
	.30	5	"	1.44		
	.35	10	"	1.492		
	.45	20	"	1.547		
	.55	30	"	1.585		
	8.05	40	"	1.615		
	.25	60	"	1.645	92.5	73.7



DATE	TIME	MIN.	AMP	VOLTS	TEMP 398	TEMP 398	idle
	A.M.						
3-19	8.45	80	20	1654			
	9.05	100	"	1655			
	25	120	"	1655	88.7	73.5	
	45	140	"	1658			
	10.05	160	"	166			
	25	180	"	1665	88.2	73.7	
	45	200	"	1668			
	11.05	220	"	1674			
	25	240	"	168	88	74.5	
	47	262	"	169			
	P.M.						
	12.06	281	"	1702			
	25	300	"	1715	88.2	74.7	
	45	320	"	1727			
	1.05	340	"	1745			
	25	360	"	1765	89	75	
	45	380	"	179			
	2.09	404	"	183.7			
	.25	420	"	183.5	90	75	
					(397)	"	
				Discharge		106	
3/19	P.M. 2.28	—	0/per	158.2			
	.30	0	30	150			
	.32	2	"	142			
	.35	5	"	137.7			
	.40	10	"	135.8			

DATE	TIME	MIN	AMP.	VOLTS	TEMPS 398	TEMPS 398	IDLE
	PM						
3/19/79	2.50	20	30	133.7			
	3.00	30	"	132			
	1.0	40	"	1302			
	30	60	"	1278	90.5	75	
	50	80	"	126			
	4.10	100	"	1245			
	30	120	"	1232	89	75	
	50	140	"	1224			
	5.10	160	"	1217			
	30	180	"	121	89.5	75	
	.50	200	"	120			
	6.10	220	"	119.6			
	.30	240	"	118.5	91.2	75	
	.50	260	"	117.4			
	7.10	280	"	115.8			
	.30	300	"	114	92	74.5	
	.50	320	"	111.9			
	8.10	340	"	109			
	.30	360	"	105	93.5	74.7	
	.40	370	"	101.7			
	.45	375 1/2	"	100	93.5	74.7	— 187.7

DATE	TIME	MIN	AMP	VOLTS 39K	TEMPS 39K	TEMPS IDLE
2/9/07			Charge	137		
	PM 9.00	0	20	137	94.8	74.7
	.02	2	"	143.2		
	.05	5	"	146.3		
	.10	10	"	149.6		
	.20	20	"	155		
	.30	30	"	158.7		
	.40	40	"	161.4		
	10.00	60	"	164.6	92.5	75
	.20	80	"	165.4		
	.40	100	"	165.4		
	11.00	120	"	167.7	91	75
	.20	140	"	166.2		
	.40	160	"	165.7		
2-20-09	AM 12.00	180	4	164.5	90.2	73.2
	.20	200	"	164.9		
	.40	220	"	164.5		
	1.00	240	"	166	89.8	73.2
	.20	260	"	164.2		
	.40	280	"	164.5		
	2.00	300	"	171	89	75
	.20	320	"	173.5		
	.40	340	"	174.5		
	3.00	360	"	174.5	89	73.2
	20	380	"	174.5		

DATE	TIME	Min.	AMP	VOLTS 39K	Temp 39K	Temp Idle
2-20-09	PM 3.40	400	30	172		
	4.00	420	"	174	90.2	73.2
					90.7	
	AM			Discharge	107	
2-21-09	4.05	0	30	157		
	.05	0	30	150		
	.07	2	4	142		
	.10	5	4	138		
	.15	10	4	136.2		
	.25	20	4	134		
	.35	30	4	132.2		
	.45	40	4	130.7		
	5.05	60	4	129.2	90.2	74.7
	.25	80	4	126.3		
	.45	100	4	124.7		
	6.05	120	4	124	90	74.7
	.25	140	4	122.7		
	.45	160	4	121.7		
	7.05	180	4	120.7	89.7	74.7
	.25	200	4	120.2		
	.45	220	4	119.5		
	8.05	240	4	118.5	89.7	74.7
	2.5	260	4	117.5		
	4.5	280	4	116.5		
	8.05	300	4	114	90.5	73.7

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
	A.M.						
3-20	9.25	320	30	111.5			
	45	340	"	108.5			
	10.05	360	"	104	94	74	
	15	370	"	1005			
	18	378	"	100	94.2	74	-186.5
	Stood 51 hrs. over Sunday						
			Charge #108				
	P.M.						
3-22	1.10	0	30	150	74	74	
	12	2	"	157			
	15	5	"	160			
	20	10	"	163			
	30	20	"	1664			
	40	30	"	1683			
	50	40	"	1693			
	2.10	60	"	169	79	74.5	
	30	80	"	1684			
	50	100	"	168			
	3.10	120	"	168	81.7	75	
	30	140	"	1682			
	50	160	"	1684			
	4.10	180	"	1686	82.5	74.7	
	30	200	"	1692			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
	P.M.						
3-22	4.50	220	30	170			
	5.10	240	"	1705	835	75	
	30	260	"	1712			
	50	280	"	1725			
	6.10	300	"	1732	84.5	75	
	30	320	"	1745			
	50	340	"	175			
	7.10	360	"	178	87	75	
	30	380	"	180			
	50	400	"	182			
	8.10	420	"	1842	89	75	
					(82.6)		
				Discharge #108			
	P.M.						
3-22-09	8.13	—	of any	158			
	15	0	30	150			
	17	2	"	142			
	20	5	"	138			
	25	10	"	136			
	35	20	"	1335			
	45	30	"	1315			
	55	40	"	1302			
	9.15	60	"	128	90	75.7	
	35	80	"	126			
	55	100	"	1243			
	10.15	120	"	1235	89.5	75.5	

DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP 398	TEMP Pile
3-22-09	1.00 PM	140	30	122.7			
	.55	160	"	122			
	11.15	180	"	121.2	89	75.5	
	.35	220	"	120.2			
	.55	220	"	119.9			
3/23	12.15 AM	240	"	118.9	89.5	75.2	
	.35	260	"	117.4			
	.55	280	"	116.2			
	1.15	300	"	114.2	90	75	
	.35	320	"	112			
	1.45	330	"	110.7			
	.55	340	"	109			
	2.05	350	"	106.6			
	1.15	360	"	103.9	92	74.2	
				Current off one (1) minute			
	.26	370	30	100.5			
	.27½	371½	"	100	91	77.2	-195.7
3/22				6 hour charge			109
	1.45 PM	0	30	140	92	77	
	.47	2	"	144.7			
	.50	5	"	147.4			
	.55	10	"	151			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS 1015
3/27/09	3.05 AM	21.30		158.2		
	.15	30	"	160.1		
	.25	45	"	162.8		
	.45	60	"	165.9	93	73.7
	4.05	80	"	166.2		
	.25	100	"	160.1		
	.45	120	"	164.1	88	73.2
	5.05	141	"	162.5		
	.25	161	"	166.5		
	.45	180	"	167	86	73
	6.05	210	"	167.9		
	.25	220	"	168.4		
	.45	240	"	169.5	84.7	73
	7.05	261	"	170.5		
	.25	280	"	171.1		
	.45	300	"	172.5	84.7	72.7
	8.05	324	"	174.2		
	2.5	340	"	175.8		
	45	360	"	177.8	85	72
	9.05	380	"	181		
	25	400	"	1838		
	45	420	"	1847	86	72.5
					(87)	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	Idle
			Discharge #109			
	P.M.					
3-23	9 48	-	Open Ckt			
	50	0	30	1495		
	52	2	"	1472		
	55	5	"	1438		
	10.00	10	"	1376		
	10	20	"	1337		
	20	30	"	1312		
	30	40	"	1305		
	50	60	"	1278	97	735
	11.10	80	"	1256		
	30	100	"	1245		
	50	120	"	1234	88	74
	P.M.					
	1.10	140	"	1222		
	30	160	"	1215		
	50	180	"	1203	89	75
	2.10	200	"	1197		
	30	220	"	1197		
	50	240	"	1186	901	78
	3.10	260	"	1174		
	30	280	"	1167		
	50	300	"	1157	945	77
	4.10	320	"	1145		
	30	340	"	1134		
	40	350	"	1128		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	Idle
	P.M.					
3-23-84	3.50	360	30	1025	945	77
			Current off 1 minute			
	.52	362	"	102		
	4.01	373	"	100	952	77 -185
			Charge #110			
	P.M.					
3-23	4.55	-	30	1.52	953	77
	.57	2	"	1.462		
	5.00	5	"	649		
	.05	10	"	1515		
	.15	20	"	1.575		
	.25	30	"	1612		
	.35	40	"	163		
	.55	60	"	1662	93	78.2
	6.15	80	"	160		
	.35	100	"	159		
	.55	120	"	159	9.12	787
	7.15	140	"	1597		
	.35	160	"	1662		
	.55	180	"	1665	90	79
	8.15	200	"	1672		
	.35	220	"	168		
	.55	240	"	1689	892	79
	9.15	260	"	1697		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP date
3-23-09	P.M. 9.35	280	30	171		
	.55	300	"	1725	887	77.5
	10.15	320	"	1732		
	.35	340	"	1745		
	.55	360	"	177.	90	77.5
	11.15	380	"	180.1		
	.35	400	"	182.8		
	.55	420	"	183.6	915	77.2
					(92.9)	
				Discharge - 110		
3/23	AM 11.58	-	[illegible]	158.1		
3/24	AM 12.00	0	30	149		
	.02	2	"	142.1		
	.05	5	"	138.2		
	.10	10	"	136.3		
	.20	20	"	134		
	.30	30	"	132.3		
	.40	40	"	131		
	1.00	60	"	128.2	92	78
	.20	80	"	126.3		
	.40	100	"	124.9		
	2.00	120	"	123.9	91.5	78
	.20	140	"	122.6		
	.40	160	"	122		
	3.00	180	[illegible]	121.5	92.7	77.5

DATE	TIME	MIN.	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE	
3/24/09	AM 3.20	200	30	120.2			
	.40	220	"	119.9			
	4.00	240	"	119.	92	77.5	
	.20	260	"	117.9			
	.40	280	"	116.5			
	5.00	300	"	114.5	92.7	77	
	.20	320	"	112.1			
	.40	340	"	113			
	.50	350	"	118			
	6.00	360	"	105	94	77	
	.05	365	"	104			
	.10	370	"	102.4			
	.15	375	"	100.8			
	.17½	377½	"	100	91.5	77	-188.7
				Charge #111			
	AM 6.40	0	30	140	93.7	77	
	.42	2	"	144			
	.45	5	"	147			
	.50	10	"	150.2			
	7.00	20	"	155.8			
	.10	30	"	159			
	.20	40	"	162.1			
	.40	60	"	165.3	92	77	
	8.00	80	"	166.2			
	.20	100	"	166			
	.40	120	"	166	90	77.5	

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP. 398	TEMP. Cldle
3-24-09	AM. 9.00	140	30	166		
	.20	160	"	166		
	.40	180	"	167	895	76
	10.00	200	"	167		
	.20	220	"	168		
	.40	240	"	1695	87	76
	11.00	260	"	170		
	.20	280	"	1707		
	.40	300	"	172	86	76
	PM 12.00	320	"	1735		
	.20	340	"	1752		
	.40	360	"	1767	87	76
	1.00	380	"	1805		
	.20	400	"	183		
	.40	420	"	184	89	75.2
					(89.3)	
			Discharge #111			
3-24-09	PM 1.43	—	Open	1595		
	.45	0	30	1150		
	.47	2	"	142		
	.50	5	"	1405		
	.55	10	"	1372		
	2.05	20	"	1345		
	.15	30		1325		
	.25	40		1322		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Cldle	
3/24/09	PM 2.45	60	30	1282	89.2	745	
	3.05	80	"	1263			
	.25	100	"	1245			
	.45	120	"	1237	89	74	
	4.05	140	"	1222			
	.35	160	"	1217			
	.45	180	"	121	90	737	
	5.05	200	"	1203			
	.25	220	"	1195			
	.45	240	"	1186	92	74	
	6.05	260	"	1175			
	.25	280	"	1162			
	.45	303	"	1142	92	74	
	7.05	320	"	112			
	.15	330	"	1112			
	.25	340	"	1097			
	.35	350	"	1079			
	.45	360	"	1057	95.5	74	
				Current off 1 minute			
	.51	365	"	1024			
	.56	370		1015			
	8.01	375		1017			
	.03½	377½		1000	95.5	74	-188.7

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle
				Change # 112		
3/24/09	P.M. 9.20	–	30	144	90.7	75.2
	22	2	"	148		
	25	5	"	150		
	30	10	"	153		
	40	20	"	158		
	50	30	"	161.5		
	10.00	40	"	164		
	.20	60	"	166	90.2	75.2
	40	80	"	166.2		
	11.00	100	"	166		
	.20	120	"	166	90	75
	.40	140	"	166.1		
3/25	AM 12.00	160	"	166.2		
	.20	180	"	166.5	89	76
	.40	200	"	167		
	1.00	220	"	167.8		
	.20	240	"	168	88.5	76
	.40	260	"	169		
	2.00	280	"	170		
	.20	300	"	171.6	99	76
	.40	320	"	172.4		
	3.00	340	"	173.8		
	.20	360	"	175.7	89.5	76.5
	.40	380	"	178.8		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	IDLE
3/25/09	AM 4.00	400	30	182.1		
	.20	420	"	183	90.7 (90.9)	76.2
				Discharge # 112		
3/25	AM 4.23	–	open	158.6		
	.25	0	30	149		
	.27	2	"	142		
	.30	5	"	138.1		
	.35	10	"	136.2		
	.45	20	"	133.8		
	.55	30	"	132.1		
	5.05	40	"	130.3		
	.25	60	"	128	91.7	76
	.45	80	"	126.2		
	6.05	100	"	124.8		
	.25	120	"	123.9	91.2	76
	.45	140	"	123.2		
	7.05	160	"	122		
	.25	180	"	121.2	91	76
	.45	200	"	120.4		
	8.05	220	"	119.9		
	.25	240	"	119	91.7	75.5
	.45	260	"	117.8		
	9.05	280	"	116.3		
	.25	300	"	114.5	92.9	75.2

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
3-25	A.M. 9.45	320	30	1125			
	1.05	340	"	1095			
	10	345	"	1086			
	15	350	"	1077			
	20	355	"	1065			
	25	360	"	1054	94	747	
				Current off 1 minute			
	31	365	"	105			
	36	370	"	1022			
	41	375	"	1003			
	42	376	"	100	95	75	-188
		Stood 18 minutes; then continued discharge					
	A.M. 11.00	0	30	1.12			
	02	2	"	1.03			
	05	5	"	1.002			
	10	10	"	.97			
	20	20	"	.922			
	30	30	"	.872			
	40	40	"	.819			
	50	50 (59½)	"	71 (50)			-215.2 to 50V
	58½	58½	"	29	99	76.2	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle
				Charge # 113		
3/25/09	P.M. 12.15	-	30	138	102	762
	17	2	"	1445		
	20	5	"	147		
	25	10	"	1507		
	35	20	"	1557		
	45	30	"	1589		
	55	40	"	1612		
	1.15	60	"	1646	982	76
	35	80	"	1665		
	56	101	"	1667		
	2.15	120	"	1667	877	72.5
	35	140	"	1668		
	55	160	"	1668		
	3.15	180	"	167	862	72
	35	200	"	1675		
	55	220	"	1677		
	4.15	240	"	168	857	72.5
	35	260	"	1684		
	55	280	"	169		
	5.15	300	"	170	85	72
	35	320	"	1708		
	55	340	"	172		
	6.15	360	"	1725	85	73
	35	380	"	1745		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP. 398	TEMP. Idle
3-25-09	P.M. 6.55	400	20	1757		
	7.15	420	"	1777	85	727
					(83.3)	
				Discharge	# 113	
3-25-09	P.M. 7.18	—	open	1582		
	.20	0	20	1497		
	.22	2	"	141		
	.25	5	"	1367		
	.30	10	"	1342		
	.40	20	"	132		
	.50	30	"	1305		
	8.00	40	"	1287		
	.20	60	"	1265	86	727
	.40	80	"	125		
	9.00	100	"	124		
	.20	120	"	1225	87.5	72
	.40	140	"	122		
	10.00	160	"	1212		
	.20	180	"	120	86.5	72
	.40	200	"	1185		
	11.00	220	"	118.4		
	.20	240	"	117.5	88	72
	.40	260	"	116.1		
3/26	A.M. 12.00	280	"	114.1		
	.20	300	"	111.8	91	72.5

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle	
3/26/09	A.M. 12.40	320	20	108.2			
	.50	330	"	105.7			
	1.00	340	"	112			
	.04	344	"	100			-172
	.05	345	"	99.7			
	.10	350	"	96.6			
	.15	355	"	92			
	.20	360	"	88.5	92.7	72	
	.25	365	"	81.8			
				current off ne (1) min [illegible]			
	.31	370	30	77			
	.36	375	"	56.1			
	.36/.37	375/2	"	50	83.5	72	-187.7
				Stood 7½ hours.			
				Charge # 114			
3-26	A.M. 9.10	0	30	156	74.7	70.7	
	.12	2	"	161			
	.15	5	"	1626			
	.20	10	"	1645			
	.30	20	"	1675			
	.40	30	"	1698			
	.50	40	"	1704			
	10.10	60	"	1701	74.7	70.7	
	.30	80	"	169			
	.50	100	"	1684			
	11.10	120	"	1684	81.7	72	
	.20	140	"	168			

DATE	TIME	MIN	AMPS	VOLTS	TEMP		
				398	398	Idle	
3-24	11:50 AM.	160	30	168			
	12:10	180	"	1682	885	725	
	30	200	"	1685			
	50	220	"	1685			
	1.10	240	"	169	842	73	
	30	260	"	170			
	50	280	"	171			
	2.10	300	"	172	845	73	
	30	320	"	173			
	50	340	"	1745			
	3.10	360	"	1763	855	727	
	30	380	"	179			
	50	400	"	181			
	4.10	420	"	182	865 (874)	727	
				Discharge: 114			
	P.M.						
3/26	4.13	—	Open	155			
	15	0	30	1484			
	17	2	"	1467			
	20	5	"	137			
	25	10	"	1347			
	35	20	"	1325			
	45	30	"	1312			
	55	40	"	1300			
	5.15	60	"	1267	856	3025	

DATE	TIME	MIN	AMPS	VOLTS	TEMP		
				398	398	Idle	
	P.M.						
3-24	5.55	60	30	1255			
	6.55	100	"	1242			
	7.15	120	"	1231	865	775	
	35	140	"	122			
	55	160	"	1213			
	8.15	180	"	1209	89	73	
	35	200	"	1200			
	55	220	"	1193			
	9.15	240	"	1192	90	73	
	35	260	"	1.17			
	55	280	"	1165			
	10.15	300	"	1135	912	73	
	35	320	"	1107			
	55	340	"	1062			
	11.05	350	"	1032			
	.20	354	"	1.00			= 177
	.45	360	"	96	975	73	
				Current off limits			
	.24	370	"	89			
	.31	375	"	78			
	.34	380	"	50	95	73	= 190

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP clear	
				Charge			115
3-26-09	PM 1050	0'	20.	143	95	74.2	
	.52	2	"	144			
	.55	5	"	145			
	11:00	10	"	145			
	.10	20	"	144			
	.20	30	"	146.7			
	.30	40	"	164			
	.40	50	"	166.1	95.2	73.7	
3/27	12:10	60	"	166.2			
	.30	120	"	166			
	.50	140	"	166	92	73.5	
	1:10	140	"	166.1			
	.30	160	"	166.2			
	.50	180	"	166.1	89.5	73	
	2:10	200	"	167			
	.30	220	"	167.7			
	.50	240	"	168.1	88	72.5	
	3:10	260	"	169			
	.30	280	"	169.9			
	.50	300	"	171	87	72.2	
	4:10	320	"	172.2			
	.30	340	"	173.2			
	.50	360	"	175.2	87	72	
	5:10	380	"	177.8	86		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE	
3/27/09	AM 5:30	400	30	180.3			
	.50	420	"	181.6	85.5	73	
					(90.5)		
				Discharge			115
3/27	AM 5:50	—	—	154			
	.55	0.	30	148			
	6:00	2	"	141.3			
	.05	5	"	136.2			
	.10	10	"	135			
	.15	20	"	132.5			
	.20	30	"	131.2			
	.25	40	"	129.9			
	.30	60	"	127.5	89	72.5	
	7:00	90	"	125.7			
	.30	100	"	124.7			
	.50	120	"	123	87.2	72.2	
	8:10	140	"	122.2			
	.30	160	"	120.5			
	.50	180	"	120.1	87.5	72.5	
	9:10	200	"	120			
	.30	220	"	119			
	.50	240	"	118	88	72.5	
	10:10	260	"	117			
	.30	280	"	115.4	89	71.5	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
3-27	A.M. 11.15	320	30	1106			
	35	340	"	1065			
	45 52	350 357	"	1025 100			-178.5
	55	360	"	98	92	71.7	
				Current off 2 minutes			
	P.M. 12.02	365	"	95			
	07	370	"	90			
	17	380	"	71.7			
	21½	384½	"	50	93.2	71.7	-192.2
				Stood over Sunday 44 hours.			
3/29				Charge		116	
	A.M. 8.10	0	30	150	72	73	
	12	2	"	164			
	15	5	"	1657			
	20	10	"	1677			
	30	20	"	1695			
	40	30	"	1705			
	50	40	"	1715			
	9.10	60	"	171	77	73	
	30	80	"	1702			
	50	100	"	1692			
	10.10	120	"	1692	80	73	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP. 398	Idle	
3-29-09	P.M. 10.30	140	30	169			
	50	160	"	1687			
	11.10	180	"	169	81.7	73	
	30	200	"	1695			
	50	220	"	170			
	12.10	240	"	1705	83	73	
	30	260	"	1712			
	50	280	"	1722			
	1.10	300	"	1732	83	73	
	30	320	"	1742			
	50	340	"	176			
	2.10	360	"	177	83.2	73	
	30	380	"	179			
	50	400	"	1815			
	3.10	420	"	183	83.7	73	
					(80.7)		
				Discharge # 116			
3-29-09	P.M. 2.13	open	—	1582			
	15	0	30	150			
	17	2	"	1405			
	20	5	"	1375			
	25	10	"	1347			
	35	20	"	1325			
	45	30	"	131			
	55	40	"	1297			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle
3-27-19	PM 4.15	60	2.0	1.192	87	72.7
	.35	80	"	1.255		
	.55	100	"	1.242		
	5.15	120	"	1.23	88.	73.5
	.35	140	"	1.222		
	.55	160	"	1.212		
	6.15	180	"	1.207	87.7	74.
	.35	200	"	1.202		
	.55	220	"	1.192		
	7.15	240	"	1.182	92.	74.7
	.35	260	"	1.172		
	.55	280	"	1.16		
	8.15	300	"	1.14	93.5	76.
	.35	320	"	1.11		
	.55	340	"	1.067		
	9.05	350	"	1.027		
	10	355	"	1.00		1795
	15	360	"	.962	95.2	76.2
	25	370	"	1.88		
	.35	380	"	1.622		
	.39	384	"	1.50	96.7	76.2 1795

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398 # Idle
				Charge 117	
3/19/19	PM 9.50	0	30	1.44	1007 76.2
	52	2	"	1.505	
	.55	5	"	1.522	
	10.0.0	10.	"	1.55	
	.10	20	"	1.587	
	.20	30	"	1.61	
	.30	40	"	1.632	
	.50	60	"	1.65	977 77
	11.10	80	"	1.65	
	.30	100	"	1.657	
	.50	120	"	1.65	96 77.2
3/20	A.M. 12.10	140	"	1.65	
	.30	160	"	1.652	
	.50	180	"	1.659	974 77.5
	1.10	200	"	1.662	
	.30	220	"	1.667	
	.50	240	"	1.673	93 77.5
	2.10	260	"	1.6	
	.30	280	"	1.687	
	.50	300	"	1.70	92.2 77
	3.10	320	"	1.71	
	.30	340	"	1.721	
	.50	360	"	1.73.5	92 77.5
	4.10	380	"	1.737	

DATE	TIME	MIN	AMPS	VOLTS 298	TEMP 298	TEMP Idle
3/31/94	AM 4:20	420	30	175		
	4:30			150.2	91.5	77.5
					(946)	
				Discharge	wgt	117
3/30	AM 4:55	5	"	157.4		
	5:00	10	"	147.7		
	5:05	15	"	140.3		
	5:10	20	"	137.4		
	5:15	25	"	135		
	5:20	30	"	133		
	5:25	35	"	131.2		
	5:30	40	"	129.6		
	5:35	45	"	128.1		
	5:40	50	"	127.1	93	77.7
	6:15	80	"	125.6		
	6:45	110	"	124		
	7:05	130	"	122.9	91.7	76.5
	7:15	140	"	122.1		
	7:35	160	"	121.4		
	7:55	180	"	120.8	91	75.7
	8:15	200	"	119.9		
	8:35	220	"	119		
	8:55	240	"	118	90.5	75
	9:15	260	"	116.9		
	9:35	280	"	116.2		
	9:55	300	"	115.5	93.5	75

DATE	TIME	MIN	AMPS	VOLTS 298	TEMP 298	TEMP Idle	
3-30-94	PM 10:15	320	20	110			
	35	340	"	106			
	55	360	"	103.7			
				current off 1 minute			
	57	356	"	100			-178.
	56	340	"	96	94.5	75	
	11:04	370	"	93.5			
	10	374	"	90.9			
	14	380	"	90	93.5	75	-190.
				Charge +			118.
3-30-94	PM 11:30	0	30	146	98	75	
	32	2	"	153.5			
	35	5	"	153.5			
	40	10	"	154			
	50	20	"	155.5			
	12:00	30	"	156.5			
	10	40	"	165			
	30	60	"	166.5	94.5	75	
	50	80	"	166.5			
	1:00	100	"	166.2			
	30	130	"	166	95	75.5	
	50	150	"	166.2			
	2:00	190	"	166.5			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP elde
	PM					
3-30-09	2.30	160	30	1.67	89.7	73.7
	.50	200	"	1.672		
	3.10	220	"	1.675		
	.30	240	"	1.682	88.5	74
	.50	260	"	1.69		
	4.10	280	"	1.692		
	.30	300	"	1.712	.177	.74.2
	.50	320	"	1.73		
	5.10	340	"	1.742		
	.30	360	"	1.76	86.7	74.2
	.50	380	"	1.787		
	6.10	400	"	1.807		
	.30	420	"	1.827	87.	74
					(90.3)	
			Discharge 118			
	PM					
3/30/09	6.33	—	open	1.582		
	6.35	0	30	1.482		
	37	2	"	1.402		
	.40	5	"	1.375		
	.45	10	"	1.355		
	.55	20	"	1.335		
	7.05	30	"	1.312		
	15	40	"	1.297		
	35	60	"	1.272	87.5	73.7
	55	80	"	1.255		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP elde	
	PM						
3/30/09	8.15	100	30	1.245			
	35	120	"	1.235	89	74	
	55	140	"	1.227			
	9.15	160	"	1.22			
	35	180	"	121	91.5	75	
	55	200	"	1.20			
	10.15	220	"	1.19			
	.35	240	"	1.182	91.5	75.5	
	.55	260	"	117.3			
	11.15	280	"	115.7			
	.35	300	"	114	92.2	75	
	.55	320	"	111.5			
	AM						
3/31	12.15	340	"	107.9			
	.25	350	"	105			
	.35	360	"	100.4	95	75.2	
	.37	362	"	100			-182
				current off 1 minute			
	.45	370	30	94.3			
	.56	380	"	80.3			
	1.04½	388½	"	50	95.2	75	-194.2

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
3/31/89				Charge # 119		
	AM 1.20	0	30	146	98	75
	.22	2	"	150		
	.25	5	"	153		
	.30	10	"	155.2		
	.40	20	"	158.8		
	.50	30	"	161.4		
	2.00	40	"	163.8		
	.20	60	"	165.7	96.5	75
	.40	80	"	165.7		
	3.00	100	"	165.8		
	.20	120	"	165.8	94	75
	.40	140	"	165.7		
	4.00	160	"	165.8		
	.20	180	"	166	92	75
	.40	200	"	166.2		
	5.00	220	"	166.7		
	.20	240	"	167.2	90.7	75
	.40	260	"	167.9		
	6.00	280	"	169		
	.20	300	"	170	90.5	75
	.40	320	"	171.2		
	7.00	340	"	172.3		
	.20	360	"	173.5	91	75.5
	.40	380	"	175.8		

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
3/31/89	AM 8.00	400	30	178.7		
	.20	420	"	181.8	89.2	74.7
					(92.7)	
				Discharge # 119		
3/31	AM 8.20	–	0/pm	158		
	.25	0	30	148		
	.27	2	"	140.9		
	.30	5	"	137.6		
	.35	10	"	135.3		
	.45	20	"	133.1		
	.55	30	"	131.3		
	9.05	40	"	130		
	.25	60	"	129.2	89.5	74
	.45	80	"	125.7		
	10.05	100	"	124.2		
	.25	120	"	123	86	73.5
	.45	140	"	122		
	11.05	160	"	121.5		
	.25	180	"	120.2	86.5	73
	.45	200	"	119.5		
	PM 12.05	220	"	118.5		
	.25	240	"	118	86.5	73
	.45	260	"	116.5		
	1.05	280	"	115		
	.25	300	"	114	88.5	73

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP stable	
3-21-09	1.45	320	20	1.095			
	2.05	340	"	1.055			
	.15	350	"	1.015			
	.19	354	"	1.00			-177
	.25	360	"	.952	90.5	74	
			Current off - minutes				
	.37	372	"	.832			
	.47	382	"	.750			-190
			Charge 120				
3/31/09	PM 3.20	0	20	1.472	91.5	74.7	
	.22	2	"	1.517			
	.25	5	"	1.535			
	.30	10	"	1.557			
	.40	20	"	1.597			
	.50	30	"	1.63			
	4.00	40	"	1.645			
	.20	60	"	1.662	91.2	75.5	
	41	81	"	1.66			
	5.00	100	"	1.655			
	.20	120	"	1.655	90	76	
	.40	140	"	1.657			
	6.00	160	"	1.657			
	.20	180	"	1.66	89.7	76	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Stable
3/31/09	PM 6.40	200	30	1.66		
	7.00	220	"	1.67		
	20	240	"	1.675	88.5	76
	40	260	"	1.682		
	8.00	280	"	1.692		
	.20	300	"	1.78	88.5	76
	.40	320	"	1.717		
	9.00	340	"	1.732		
	20	360	"	1.752	88.5	76.5
	.40	380	"	1.772		
	10.00	400	"	1.79		
	20	420	"	1.815	89 (89.5)	76.5
			Discharge 120			
4/1/09	PM 10.23	—	ohm	1.58		
	.25	0	30	1.477		
	.27	2	"	1.402		
	.30	5	"	1.37		
	.35	10	"	1.35		
	.45	20	"	1.335		
	.55	30	"	1.312		
	11.05	40	"	1.30		
	1.25	60	"	1.27.7	90.5	77.5
	.45 AM	80	"	1.25.1		
4/1	12.05	100	"	1.24.2		

DATE	TIME	MIN	AMPS	VOLTS	TEMPS		
				398	398	IDLE	
4/1/09	AM 12.25	120	30	123.2	92	77.5	
	.45	140	"	122.4			
	1.05	160	"	121.8			
	.25	180	"	121	93.5	78	
	.45	200	"	120.2			
	2.05	220	"	119.5			
	.25	240	"	118.4	94	77.2	
	.45	260	"	117.5			
	3.05	280	"	115.9			
	.25	300	"	113.9	94	76.7	
	.45	320	"	111			
	.55	330	"	109.5			
	4.05	340	"	107			
				current off one (1) minute			
	4.16	350	30	104.1			
	.28	355	"	102			
	.29	358	"	100	94.7	76	=179
4/1				Charge		121	
	AM 4.25	0	30	145	95	76	
	.37	2	"	148.1			
	.40	5	"	151.3			
	.45	10	"	153.5			
	.55	20	"	157.9			
	5.05	30	"	161.7			

DATE	TIME	MIN	AMPS	VOLTS	TEMPS		
				398	398	IDLE	
4/1/09	AM 5.15	40	30	162.8			
	.35	60	"	165.8	93	75	
	.55	80	"	166			
	6.15	100	"	166			
	.35	120	"	166	90.7	74.5	
	.55	140	"	165.9			
	7.15	160	"	166			
	.35	180	"	166.4	89.5	74.5	
	.55	200	"	167			
	8.15	220	"	168			
	.35	240	"	169	87.2	73.7	
	.55	260	"	170			
	9.15	280	"	170.7			
	.35	300	"	172.5	87.5	74	
	.55	320	"	174			
	10.15	340	"	176			
	.35	360	"	176.5	89	74	
	.55	380	"	179.5			
	11.15	400	"	182.2			
	.35	420	"	183.5	90	74	
					(90.2)		
				Discharge #12			
4/1/09	AM 11.28	—		open	158.5		
	.40	0	30	150.2			
	.45	2	"	148.5			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Slider
	PM					
7-1-09	1145	5	30	1.385		
		10	"	1.365		
	PM 12:00	20	"	1.345		
		30	"	1.332		
		40	"	1.317		
		60	"	1.292	915	74
	1.00	80	"	1.265		
	20	100	"	1.25		
	40	120	"	1.235		
	2.00	140	"	1.227	92	765
	20	160	"	1.217		
	40	180	"	1.21	925	77
	3.00	200	"	1.20		
	20	220	"	1.195		
	40	240	"	1.185	93	777
	4.00	260	"	1.175		
	20	280	"	1.16		
	40	300	"	1.145		
	5.00	320	"	1.115	95.5	775
	20	340	"	1.085		
	30	350	"	1.067		
		Current off 2 minutes				
	42	360	"	1.042	97	776
	47	365	"	1.022		
	52	370	"	1.008		-195

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Slider
	PM		Charge	122		
7/1/09	6.00	0	30	1.422	97.5	78.5
		02	2	1.462		
		05	5	1.492		
		10	10	1.517		
		20	20	1.562		
		30	30	1.592		
		40	40	1.62		
	7.00	60	"	1.642	97	79
		80	"	1.64		
		100	"	1.64		
	8.00	120	"	1.64	96.2	79
		140	"	1.64		
		160	"	1.642		
	9.00	180	"	1.645	95.2	79
		200	"	1.65		
		220	"	1.66		
	10.00	240	"	1.667	94	79
		260	"	1.675		
		280	"	1.685		
	11.00	300	"	170	93	81
		320	"	1.717		
		340	"	173		
8/2	12:00 AM	360	"	175	93	84.5
		380	"	1781		

DATE	TIME	MIN.	AMB	VOLTS	TEMPS		
				39F	39F	104F	
4/2/69	AM 12.40	400	30	180			
	1.00	420	"	182	94 (95)	805	
				Discharge			122
4/2	AM 1.03			158			
	.05	0	30	148			
	.07	2	"	141			
	.10	5	"	137.5			
	.15	10	"	136.3			
	.25	20	"	133.9			
	.35	30	"	132.2			
	.45	40	"	130.4			
	2.05	60	"	128.1	94	80	
	.25	80	"	126.3			
	.45	100	"	124.9			
	3.05	120	"	123.6	95.7	80	
	.25	140	"	122.5			
	.45	160	"	121.5			
	4.05	180	"	120.7	96.2	80	
	.25	200	"	120.0			
	.45	220	"	119.4			
	5.05	240	"	118.5	96.5	79.5	
	.25	260	"	117.6			
	.45	280	"	116.9			
	6.05	300	"	116.2	97.7	79	

DATE	TIME	MIN	AMB	VOLTS	TEMPS		
				39F	39F	104F	
4/2/69	AM 6.25	320	30	111			
	.45	340	"	108			
	.55	350	"	105.6			
	7.00	355	"	current off, one (1) minute			
	.11	366	30	103.9	97.7	76.5	
	.16	371	"	102			
	.20	375	"	100	99	77.2	-187.2
4/2	AM 7.40	0	30	Discharge 142.3	99	77	
	.42	2	"	142.3			
	.45	5	"	139.4			
	.50	10	"	132.4			
	8.00	20	"	127			
	.10	30	"	120.9			
	.20	40	"	116.2			
	.40	60	"	108.7	94.5	77	
	9.00	80	"	103.7			
	.20	100	"	100.7			
	.40	120	"	98.7	94	76.2	
	10.00	140	"	96.8			
	.20	160	"	95.5			
	.40	180	"	94.4	88.5	76	
	11.00	200	"	93.5			
	.20	220	"	92.7			

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP table
	PM					
4-2-09	11:40	240	20	1.189	87.	75
	PM					
	12:00	260	"	1.205		
	.20	280	"	1.21		
	.40	300	"	1.215	877	782
	1.00	320	"	1.14		
	.20	340	"	1.175		
	.40	360	"	1.775	88.5	76
	2.00	380	"	1.81		
	.20	400	"	1.83		
	.40	420	"	1.832	895	75
					(90?)	
				Discharge = 123		
	PM					
4-2-09	2:42	—	off	1.252		
	.45	0	20	1.185		
	.47	2	"	1.417		
	.50	5	"	1.382		
	.55	10	"	1.357		
	3.05	20	"	1.337		
	.15	30	"	1.332		
	.25	40	"	1.302		
	.45	60	"	1.28	910	74
	4.05	80	"	1.24		
	.25	100	"	1.248		
	.45	120	"	1.232	90	737
	5.05	140	"	1.22		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP table
	PM					
4-7-09	5:25	160	20	1.212		
	.45	180	"	1.202	91.	74
	6:05	200	"	1.197		
	.25	220	"	1.192		
	.45	240	"	1.185	92.2	75
	7:05	260	"	1.172		
	.25	280	"	1.16		
	.45	300	"	1.142	94	75.5
	8:05	320	"	1.117		
	.25	340	"	1.087		
	.35	350	"	1.065		
				Current off 1 minute		
	46	360	"	1.04	967	755
	51	365	"	1.022		
	56	370	"	1.00		-185
				Charge 124		
4-8-09	PM 9:15	0	30	1.417	972	757
	.17	2	"	1.472		
	.20	5	"	1.49		
	.25	10	"	1.53		
	.35	20	"	1.57		
	45	30	"	1.605		
	55	40	"	1.624		

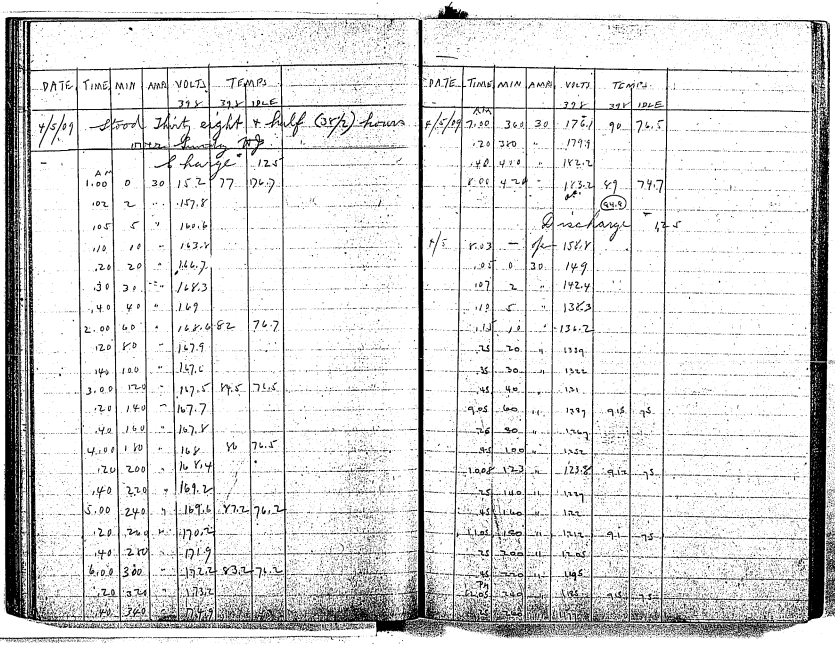
DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	Idle
4/2/09	PM 10.15	60	30	1.65	94.	75.2
	.35	80	"	1.645		
	.55	100	"	1.64		
	11.15	120	"	1.65	91	74.7
	.35	140	"	1.655		
	.55	160	"	1.659		
4/3	AM 12.15	180	"	1.66.8	91	75
	.35	200	"	1.66.8		
	.55	220	"	1.67.5		
	1.15	240	"	1.68.1	91	76
	.35	260	"	1.69.4		
	.55	280	"	1.70.1		
	2.15	300	"	1.71.7	90.5	76.5
	.35	320	"	1.72.7		
	.55	340	"	1.74.1		
	3.15	360	"	1.76.1	92	77
	.35	380	"	1.78.6		
	.55	400	"	1.81.8		
	4.15	420	"	1.83	94.2	77.5
					(92.6)	

Discharge 1.24

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	IDLE
4/3/09	AM 4.30	10	30	136.1		
	.40	20	"	133.7		
	.50	30	"	131.9		
	5.00	40	"	130.4		
	.20	60	"	128.1	95	78
	.40	80	"	126.2		
	6.00	100	"	124.8		
	.20	120	"	123.7	94.2	77.7
	.40	140	"	122.5		
	7.00	160	"	121.9		
	.20	180	"	120.9	94	77.7
	.40	200	"	120.1		
	8.00	220	"	1.192		
	.20	240	"	1.182	94.2	77.2
	.40	260	"	1.172		
	9.00	280	"	1.16		
	.20	300	"	1.142	95	77.5
	.40	320	"	1.117		
	10.00	340	"	1.085		
	.10	350	"	1.067		
	.15	355	"	1.055		

Current off 1 minute

.21	360	"	1.045	96.5	76.5	
.26	365	"	1.03			
.31	370	"	1.005			
.32	371	"	1.00	96.7	76.5	185.5



DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
4/5/09	Stood Thirty eight + half (38½) hours					
	1000 Sunday [illegible]					
				Charge		125
	AM 1.00	0	30	152	77	76.7
	.02	2	"	157.8		
	.05	5	"	160.6		
	.10	10	"	163.8		
	.20	20	"	166.7		
	.30	30	"	168.3		
	.40	40	"	169		
	2.00	60	"	168.6	82	76.7
	.20	80	"	167.9		
	.40	100	"	167.6		
	3.00	120	"	167.5	84.5	76.5
	.20	140	"	167.7		
	.40	160	"	167.8		
	4.00	180	"	168	86	76.5
	.20	200	"	168.4		
	.40	220	"	169.2		
	5.00	240	"	169.6	87.2	76.2
	.20	260	"	170.2		
	.40	280	"	171.9		
	6.00	300	"	172.2	83.2	76.2
	.20	320	"	173.2		
	.40	340	"	174.9		

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
4/5/09	AM 7.00	360	30	176.1	90	76.5
	.20	380	"	179.9		
	.40	400	"	182.2		
	8.00	420	"	183.2	89	74.7
					(94.9)	
				Discharge		125
4/5	8.03	—	Pc	158.8		
	.05	0	30	149		
	.07	2	"	142.4		
	.10	5	"	138.3		
	.15	10	"	136.2		
	.25	20	"	1339		
	.35	30	"	1322		
	.45	40	"	131		
	9.05	60	"	1337	91.5	75
	.25	80	"	1267		
	.45	100	"	1252		
	10.08	123	"	123.8	91.2	75
	.25	140	"	1237		
	.45	160	"	122		
	11.05	180	"	1212	91	75
	.25	200	"	1205		
	.45	220	"	1195		
	PM 12.05	240	"	1185	91.5	75
	.25	260	"	1177		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP idle
	P.M.					
4-5-09	12.45	280	30	1162		
	1.05	300	"	1.142	93.7	74.5
	25	320	"	1.122		
	.45	340	"	1.097		
	55	350	"	1065		
		Current off 1 minute				
	2.06	360	"	1.04	96.2	75
	.14½	368½	"	1.00		-184.2
		Stood Eleven (11) hours HJ				
4/6		Charge				126
	AM 1.00	0	30	149.7	79.5	77.5
	.02	2	"	157.9		
	.05	5	"	158		
	.10	10	"	160.9		
	.20	20	"	165		
	.30	30	"	167		
	.40	40	"	168		
	2.00	60	"	168.4	84	78
	.20	80	"	167.9		
	.40	100	"	167.5		
	3.00	120	"	167.3	86	77.5
	.20	140	"	167.4		
	.40	160	"	167.4		
	4.00	180	"	167.6	88	78

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
4/6/09	4.20	200	30	167.9		
	.40	220	"	168.1		
	5.00	240	"	169	89	78
	.20	260	"	170.2		
	.40	280	"	171.2		
	6.00	300	"	172.4	89	78
	.20	320	"	173.9		
	.40	340	"	175		
	7.00	360	"	177	90	78
	.20	380	"	179.7		
	.40	400	"	182.1		
	8.00	420	"	183	90	77.5
					(86.9)	
				Discharge		126
4/6	AM 8.03	—	0/30	158.3		
	.05	0	30	149		
	.07	2	"	140.6		
	.10	5	"	138.5		
	.15	10	"	136.4		
	.25	20	"	134		
	.35	30	"	132.2		
	.45	40	"	131		
	9.05	60	"	1285	92	78
	25	80	"	1265		
	.45	100	"	1267		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Cable
4-6-09	PM 10.05	120	20	124	91.5	78
	.25	140	"	1222		
	.45	160	"	122		
	11.05	120	"	1215	93	78
	.25	200	"	1205		
	.45	220	"	120		
	PM 12.05	240	"	1185	96	78.5
	.25	260	"	117		
	.45	280	"	1155		
	1.05	300	"	1.14	96.7	79
	.25	320	"	1.112		
	.45	340	"	1.08		
	.55	350	"	1059		
				current off 1 minute		
	2.06	360	"	102	97	79
	.13	369	"	100		=183.5

Stood eleven (11) hours H.J.

4/7 Charge 127

AM 1.00	0	30	150	84	81.7	
.02	2	"	154.2			
.05	5	"	157			
.10	10	"	161.7			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Cable
4/7/09	AM 1.20	20	30	164		
	.30	30	"	165.9		
	.40	40	"	167		
	2.00	60	"	167.9	88	82
	.20	80	"	167.1		
	.40	100	"	166.4		
	3.00	120	"	166.2	90	81.5
	.20	140	"	166.5		
	.40	160	"	166.7		
	4.00	180	"	167	90.7	81
	.20	200	"	167.5		
	.40	220	"	168		
	5.00	240	"	168.7	91	80.5
	.20	260	"	169.4		
	.40	280	"	170		
	6.00	300	"	171.2	91.5	80
	.20	320	"	172.2		
	.40	340	"	173.4		
	7.00	360	"	174.5		
	.20	380	"	177.5	93.5	80
	.40	400	"	182.1		
	8.00	420	"	181.8	94.5	80.2
					(90.4)	

Discharge 127

4/7	AM 8.05	—	Spin	158.1		

DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP 398	IDLE
4/7/09	8.05	0	30	148.5			
	.07	2	"	141.9			
	.10	5	"	138.4			
	.15	10	"	136.3			
	.25	20	"	134.2			
	.35	30	"	132.5			
	.45	40	"	131.2			
	9.05	60	"	129.7	96	89.5	
	.25	80	"	127			
	.45	100	"	125.2			
	10.05	120	"	124	95	79.5	
	.25	140	"	123			
	.45	160	"	122			
	11.05	180	"	121.3	94.5	79	
	.25	200	"	120.3			
	.45	220	"	119.7			
	12.05	240	"	118.2	94.2	78.7	
	.25	260	"	117.2			
	.45	280	"	115.7			
	1.05	300	"	114.7	95.2	78.2	
	.25	320	"	111.5			
	.45	340	"	108			
	.55	350	"	105.7			
				current off 1 minute			
	2.06	360	"	102			
	.10	364	"	100	97	78	-182.2

DATE	TIME	MIN.	AMP	VOLTS	TEMP 398	TEMP 398	IDLE
	Stood eleven (11) hours						
4/8	AM			Charge		128	
	1.00	0	30	151	76.2	74.5	
	.02	2	"	157			
	.05	5	"	159.9			
	.10	10	"	162.9			
	.20	20	"	166.4			
	.30	30	"	168.4			
	.40	40	"	169.8			
	2.00	60	"	169.7	80	74.2	
	.20	80	"	168.7			
	.40	100	"	168.1			
	3.00	120	"	168	82.7	74.2	
	.20	140	"	168			
	.40	160	"	168			
	4.00	180	"	168	84	74	
	.20	200	"	168.1			
	.40	220	"	168.9			
	5.00	240	"	169.9	84	74	
	.20	260	"	171			
	.40	280	"	172.2			
	6.00	300	"	173.6	83.5	72.5	
	.20	320	"	175			
	.40	340	"	176.9			

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	IDLE
4/8/09	AM 7.00	360	30	178.5	85.2	73
	.20	380	"	181.9		
	.40	400	"	183.6		
	8.00	420	"	184	88	73
					(92.9)	

Discharge 12 8

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	IDLE
4/8	AM 8.03	—	0/—	1.587		
	.05	0	30	1.497		
	.07	2	"	1.424		
	.10	5	"	1.36		
	.15	10	"	1.343		
	.25	20	"	1.342		
	.35	30	"	1.325		
	.45	40	"	1.207		
	9.05	60	"	1.225	89	73
	.25	80	"	1.265		
	.45	100	"	1.247		
	10.05	120	"	1.24	89	73
	.25	140	"	1.23		
	.45	160	"	1.22		
	11.05	180	"	1.213	90	73
	.25	200	"	1.205		
	.45	220	"	1.20		
	PM 12.05	240	"	1.182	91.5	73.5
	.25	260	"	1.177		

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	IDLE
4-8-09	PM 12.45	280	30	1.162		
	1.05	300	"	1.143	92.5	74
	.25	320	"	1.112		
	.45	340	"	1.025		
	55	350	"	1.05		

Current off 1 minute

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	IDLE
	2.01	355	"	1.035		
	.06	360	"	1.017	93.5	74.2
	.09	363	"	1.00		— 181.5

Stood eleven (11) hours WJ

Charge # 129

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	IDLE
4/9	AM 1.00	0	30	151	78	77
	.02	2	"	157		
	.05	5	"	157.9		
	.10	10	"	161.8		
	.20	20	"	165.6		
	.30	30	"	167		
	.40	40	"	168.6		
	2.00	60	"	168.6	82.5	77
	.20	80	"	168.2		
	.40	100	"	167.6		
	3.00	120	"	167.5	85.2	71.5

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE
4/9/09	A.M. 3.20	140	30	167.4		
	.40	160	"	167.5		
	4.00	180	"	167.8	88.7	76.2
	.20	200	"	168		
	.40	220	"	168.4		
	5.00	240	"	169.8	88.5	76
	.20	260	"	171		
	.40	280	"	172		
	6.00	300	"	173	85.5	74
	.20	320	"	174		
	.40	340	"	175.7		
	7.00	360	"	177.2	87	74
	.20	380	"	182		
	.40	400	"	183		
	8.00	420	"	183.9	87	73.7
					84.8	
				Discharge		129
4/9	AM 8.03	—		on 158.7		
	.05	0	30	149		
	.07	2	"	145		
	.10	5	"	138		
	.15	10	"	136.2		
	.25	20	"	133.7		
	.35	30	"	132		
	.45	40	"	130.5		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP IDLE
4-9-09	AM 9.05	60	30	129.5	88.7	73.7
	.25	80	"	126.2		
	.45	100	"	124.7		
	10.05	120	"	123.7	88.5	73
	.25	140	"	122.5		
	.45	160	"	122		
	11.05	180	"	121	88.2	73
	.25	200	"	120.5		
	.45	220	"	119.7		
	PM. 12.05	240	"	118.7	90	73
	.25	260	"	117.7		
	.45	280	"	116		
	1.05	300	"	114	91.5	73
	.25	320	"	111		
	.45	340	"	109.2		
	.55	350	"	104.5		
				current off 1 minute		
	2.06	360	"	101.3	91.5	73.5
	ogh	363½	"	100		-181.7

Stood eleven (11) hours WJ

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
4/10/09		Charge # 130				
	AM 1.00	0	30	151	76	74.2
	.02	2	"	156.4		
	.05	5	"	159		
	.10	10	"	161.9		
	.20	20	"	165.8		
	.30	30	"	167.8		
	.40	40	"	169.9		
	2.00	60	"	170	79.7	73.5
	.20	80	"	169.1		
	.40	100	"	168.4		
	3.00	120	"	167.9	81.2	73
	.20	140	"	168		
	.40	160	"	168		
	4.00	180	"	169	82.7	73
	.20	200	"	168.5		
	.40	220	"	169.8		
	5.00	240	"	170	83.2	73
	.20	260	"	170.9		
	.40	280	"	172.2		
	6.00	300	"	174	83	72.2
	.20	320	"	175.4		
	.40	340	"	177		
	7.00	360	"	179.2	84.2	71.5
	.20	380	"	182.3		

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE
4/10/09	AM 7.40	400	30	184.2		
	8.00	420	"	185.5	83	70
					(81.6)	
				Discharge # 130		
4/10	AM 8.03	—	0/20	159.8		
	.05	0	30	150		
	.07	2	"	1426		
	.10	5	"	138		
	.15	10	"	1.265		
	.25	20	"	1.327		
	.35	30	"	1.315		
	.45	40	"	1.20		
	9.05	60	"	1282	83	70
	.25	80	"	1.255		
	.45	100	"	1.247		
	10.05	120	"	1.232	84.5	70
	.25	140	"	1.227		
	.45	160	"	1.22		
	11.05	180	"	1.212	86.7	702
	.25	200	"	1.202		
	.45	220	"	1.197		
	P.M. 12.05	240	"	1.187	89	71
	.25	260	"	1.177		
	.45	280	"	1.16		
	1.05	300	"	1.145	907	725

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	Idle
4/10/09	PM 1.25	320	30	1.12		
	45	340	"	1.087		
	2.00	355	"	1.05		
	Current off 1 minute					
	.06	360	"	1.037	94	73.5
	.11	365	"	1.017		
	.14½	368½	"	1.00	945	735 — 184.2

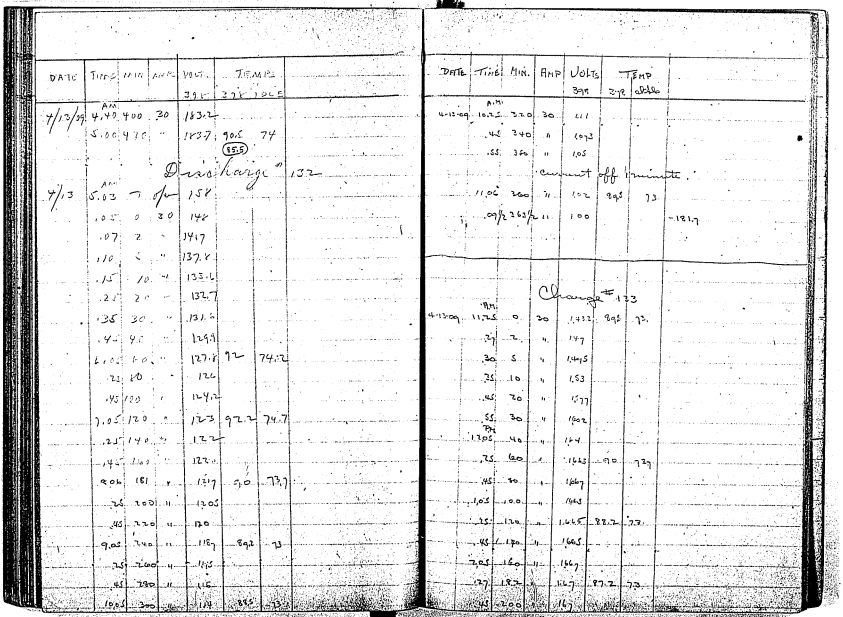
Stood thirty five + half (35½) hours over Sunday SJ

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	124E
4/12	AM 1.30	0	30	153	71	70.5
	.32	2	"	158.4		
	.35	5	"	161.7		
	.40	10	"	164.2		
	.50	20	"	167.2		
	2.00	30	"	169		
	.10	40	"	179.2		
	.30	60	"	170	77	71.5
	.50	80	"	169.7		
	3.10	100	"	168.9		
	.30	120	"	168.3	81.2	70
	.50	140	"	168.4		
	4.10	160	"	168.4		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	124E
4/12/09	AM 4.30	180	30	168.4	83	73
	.50	200	"	168.9		
	5.10	220	"	169.5		
	.30	240	"	170.	84.5	73.2
	.50	260	"	171		
	6.10	280	"	172		
	.30	300	"	173	86	73.2
	.50	320	"	174		
	7.10	340	"	175.7		
	.30	360	"	177	87	73
	.50	380	"	179.5		
	8.00	400	"	1822		
	8.30	420	"	1838	87.7	73.5
					(82.4)	
				Discharge 131		
4/12	AM 8.33	—		Opy	1581	
	.35	0	30	149		
	.37	2	"	1415		
	.40	5	"	139		
	.45	10	"	1365		
	.55	20	"	1335		
	9.05	30	"	132		
	.15	40	"	130.5		
	.35	60	"	1285	90	73.5
	.55	80	"	126		

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP idle	
4-12-09	PM 10.15	100	20	1.245			
	.35	120	"	1.237	89	73	
	.55	140	"	1.227			
	11.15	160	"	1.22			
	.35	180	"	1.215	88	73	
	.55	200	"	1.205			
	PM 12.15	220	"	1.20			
	.35	240	"	1.192	90.5	73	
	.55	260	"	1.18			
	1.15	280	"	1.163			
	.35	300	"	1.14	93	73.5	
	.55	320	"	1.12			
	2.15	340	"	1.092			
	.35	360	"	1.06			
				Current off. 1 minute			
	.35	360	"	1.02	74.5	74	
	.40½	364½	"	1.00			-182.2
		Stood idle 7 hours					

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP idle
				Charge	132	
4/1/09	PM 10.00	0	20	1.50	78.5	74
	.02	2	"	1.552		
	.05	5	"	1.565		
	.10	10	"	1.597		
	.20	20	"	1.632		
	.30	30	"	1.66		
	.40	40	"	1.67		
	11.00	60	"	1.68	82.5	74.5
	.20	80	"	1.677		
	.40	100	"	1.66.8		
4/13	AM 12.00	120	"	1.67.6	86	75.5
	.20	140	"	1.67.5		
	.40	160	"	1.67.8		
	1.00	180	"	1.68	86.7	75.5
	.20	200	"	1.68.4		
	.40	220	"	1.69.6		
	2.00	240	"	1.70.3	85	74
	.20	260	"	1.71.8		
	.40	280	"	1.73		
	3.00	300	"	1.73.8	86.5	73.2
	.20	320	"	1.74.5		
	.40	340	"	1.76.8		
	4.00	360	"	1.78.9	88.2	73.7
	.20	380	"	1.80.8		



DATE	TIME	MIN	AMP	VOLT 39	TEMP 39	TEMP 1005
4/13/39	AM 4.40	400	30	183.2		
	5.00	420	"	183.7	90.5	74
					(85.5)	
				Discharge # 132		
4/13	AM 5.03	7	o/m	158		
	.05	0	30	148		
	.07	2	"	141.7		
	.10	5	"	137.8		
	.15	10	"	133.6		
	.25	20	"	132.7		
	.35	30	"	131.6		
	.45	40	"	129.9		
	6.05	60	"	127.8	92	74.2
	.25	80	"	126		
	.45	100	"	124.2		
	7.05	120	"	123	92.2	74.7
	.25	140	"	122		
	.45	160	"	122.0		
	8.06	181	"	121.7	90	73.7
	.25	200	"	120.5		
	.45	220	"	120		
	9.05	240	"	118.7	89.2	73
	.25	260	"	118.5		
	.45	280	"	116		
	10.05	300	"	114	88.5	73

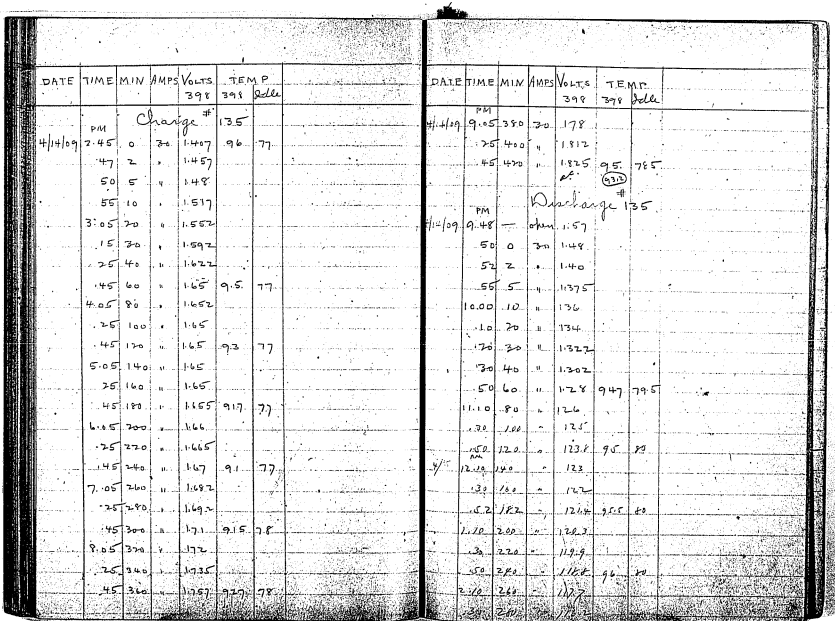
DATE	TIME	MIN.	AMP	VOLTS 39	TEMP 39	TEMP 1005	
4-13-09	A.M. 10.25	320	30	111			
	.45	340	"	109.3			
	.55	350	"	105			
				current off 1 minute.			
	11.06	360	"	102	89.5	73	
	.09½	363½	"	100			-181.7
				Change # 133			
4-13-09	A.M. 11.25	0	30	1433	89.5	73.	
	.27	2	"	147			
	.30	5	"	1495			
	.35	10	"	1.53			
	.45	20	"	1577			
	.55	30	"	1602			
	P.M. 12.05	40	"	164			
	.25	60	"	1663	90	73.7	
	.45	80	"	1667			
	1.05	100	"	1665			
	.25	120	"	1665	88.2	73	
	.45	140	"	1665			
	2.05	160	"	1667			
	.27	182	"	1667	87.2	73	
	.45	200	"	167			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle
	PM					
4-13-09	3.05	220	30	1685		
	.25	240	"	1693	95.5	73
	.45	260	"	1705		
	4.05	280	"	172		
	.25	300	"	174	84.9	73
	.45	320	"	175		
	5.05	340	"	1.765		
	.25	360	"	1.79	85.7	72
	.48	382	"	1.83		
	6.05	400	"	1.837		
	.25	420	"	1.842	89	72.5
					87.5	
			Discharge		#	133
	PM					
4/13/09	6.28	—	open	1.585		
	.30	0	30	1.492		
	.32	2	"	1.417		
	.35	5	"	1.38		
	.40	10	"	1.36		
	.50	20	"	1.332		
	7.00	30	"	1319		
	.10	40	"	1.297		
	.30	60	"	1277	89	73
	.50	80	"	1.265		
	8.10	100	"	1.24		
	.30	120	"	1.236	90.7	73

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle
	PM					
4/13/09	8.50	140	30	1222		
	9.10	160	"	1215		
	.30	180	"	1.207	91.2	73.5
	.50	200	"	1.20		
	10.10	220	"	1.192		
	.30	240	"	1.185	91.5	73.5
	.50	260	"	1.172		
	11.10	280	"	116		
	.30	300	"	113.9	93.7	74
	.50	320	"	111.9		
	AM					
4/14	12.10	340	"	108.9		
	.20	360	"	106.7		
	.30	380	"	103.8	95.5	74.2
				current off one (1) min		
	.36	365	"	102.5		
	.41	370	"	100	95	74.2 -185
			Charge			134
	AM					
4/14	1.20	0	30	145	93.2	74
	1.22	2	"	148.1		
	.25	5	"	150.4		
	.30	10	"	154.1		
	.40	20	"	158		
	.50	30	"	162.2		
	2.00	40	"	16[illegible]		

DATE	TIME	MIN	AMP	VOLTS	TEMPS 398	TEMPS IDLE
4/14/09	AM 2.20	60	30	166	93	74.2
	.40	80	"	166.1		
	3.00	100	"	166		
	.20	120	"	166	92	74.5
	.40	140	"	166.1		
	4.00	160	"	166.2		
	.20	180	"	167	90	74.5
	.40	200	"	167		
	5.00	220	"	167.4		
	.20	240	"	168.1	90	74.5
	.40	260	"	169		
	6.00	280	"	171.7		
	.20	300	"	172.2	90	75.2
	.40	320	"	173.7		
	7.00	340	"	174		
	.20	360	"	176.1	89.5	75
	.40	380	"	179		
	8.00	400	"	182		
	.20	420	"	183.2	91.2	75
					(911)	
				Discharge		134
4/14	AM 8.22	—	open	158.1		
	.25	0	30	149		
	.27	2	"	142.2		
	.30	5	"	138		

DATE	TIME	MIN	AMPS	VOLTS	TEMPS 398	TEMPS IDLE
4/14/09	8.35	10	30	136		
	.45	20	"	134		
	.55	30	"	132.2		
	9.05	40	"	131		
	.25	60	"	132.5	91.5	76
	.45	80	"	132.5		
	10.05	100	"	125		
	.25	120	"	124	91.5	76
	.45	140	"	123		
	11.05	160	"	122		
	.25	180	"	121.2	92	76
	.45	200	"	120.5		
	PM 12.05	220	"	119.5		
	.25	240	"	118.5	92.5	76.5
	.45	260	"	117.2		
	1.05	280	"	116.5		
	.25	300	"	115	93.5	76.5
	.45	320	"	115		
	2.05	340	"	1.082		
	.15	350	"	1.05		
				Current off 1 minute		
	.26	360	"	1.025		
	.31	365	"	1.00	96	77	182.5



DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	Idle
		Charge #			135	
	PM					
4/14/09	2.45	0	30	1.407	96	77
	.47	2	"	1.457		
	50	5	"	1.48		
	55	10	"	1.517		
	3:05	20	"	1.552		
	.15	30	"	1.592		
	.25	40	"	1.622		
	.45	60	"	1.65	95	77
	4.05	80	"	1.652		
	.25	100	"	1.65		
	.45	120	"	1.65	93	77
	5.05	140	"	1.65		
	25	160	"	1.65		
	45	180	"	1.655	917	77
	6.05	200	"	1.66		
	.25	220	"	1.665		
	.45	240	"	1.67	91	77
	7.05	260	"	1.682		
	.25	280	"	1.692		
	.45	300	"	1.71	915	78
	8.05	320	"	172		
	.25	340	"	1.735		
	.45	360	"	1.757	927	78

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	Idle
	PM					
4/14/09	9.05	380	30	178		
	.25	400	"	1.812		
	.45	420	"	1.825	95 (93.12)	785
		Discharge #			135	
	PM					
4/14/09	9.48	—	ohm	1.57		
	50	0	30	1.48		
	52	2	"	1.40		
	55	5	"	1.375		
	10.00	10	"	136		
	.10	20	"	134		
	.20	30	"	1.322		
	.30	40	"	1.302		
	.50	60	"	1.28	947	79.5
	11.10	80	"	126		
	.30	100	"	125		
	.50	120	"	123.8	95	80
	AM					
4/	12.10	140	"	123		
	.30	160	"	122		
	.52	182	"	121.4	95.5	80
	1.10	200	"	120.3		
	.30	220	"	119.9		
	.50	240	"	118.8	96	80
	2.10	260	"	117.7		
	.30	280	"	116.2		

DATE	TIME	MIN	AMPS	VOLTS	TEMPS		
				398	398	IDLE	
4/15/09	AM 2.50	300	30	114.2	97	80	
	3.10	320	"	112			
	.30	340	"	108.2			
	.40	350	"	105.7			
	.50	360	"	103.8	98.2	79.2	
		current off one (1) minute					
	3.56	365	30	102			
	4.00	369	"	100	99	79.2	-184.5
4/15			Charge #			136	
	AM 4.20	0	30	141	99	79	
	.22	2	"	146.1			
	.25	5	"	149.5			
	.30	10	"	151.9			
	.40	20	"	156.1			
	.50	30	"	159.9			
	5.00	40	"	161.8			
	.20	60	"	164.4	96.5	79	
	.40	80	"	165			
	6.00	100	"	165			
	.20	120	"	165.2	93.7	78	
	.40	140	"	165.5			
	7.00	160	"	165.6			
	.20	180	"	165.8	92	78	
	.40	200	"	166.2			

DATE	TIME	MIN	AMPS	VOLT	TEMPS	
				398	398	IDLE
4/15/09	AM 8.00	220	30	167		
	.20	240	"	168	90.5	77.2
	.40	260	"	169		
	9.00	280	"	170.5		
	.20	300	"	171.5	89.2	77
	.40	320	"	172		
	10.00	380	"	175		
	.20	360	"	177.5	88.7	77
	.40	380	"	180.5		
	11.00	400	"	183		
	.20	420	"	184	90 (92.4)	77
			Discharge # 136			
4-15-09	AM 11.23	-	Open	159		
	.25	0	30	149		
	.27	2	"	142.5		
	.30	5	"	138		
	.35	10	"	136		
	.45	20	"	133.7		
	.55	30	"	132		
	12.05	40	"	130.7		
	.25	60	"	128	91	75.5
	.45	80	"	126.5		
	1.05	100	"	124.5		
	.25	120	"	123.5	92.5	76

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP cells
	PM					
4-15-09	1.45	140	30	1.225		
	2.05	160	"	1217		
	25	180	"	1207	97.5	76.5
	.45	200	"	1170		
	3.05	220	"	1149		
	.25	240	"	118	96.5	77.5
	.45	260	"	117		
	4.05	280	"	1158		
	.25	300	"	1132	96.5	77.5
	.45	320	"	1107		
	5.05	340	"	1093		
	.15	350	"	1087		
			Current off 1 minute			
	.26	360	"	1017	97.5	78
	30	364	"	1.00		182
			Charge	137		
4/15/09	PM 6.10	0	30	1.425	96.5	79
	12	2	"	1.467		
	15	5	"	1.492		
	20	10	"	1.517		
	30	20	"	1.572		
	40	30	"	1.592		
	50	40	"	1.622		

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Cells
	PM					
4/15/09	7.10	60	30	1.642	.947	.79
	.30	80	"	1.65		
	.50	100	"	1.65		
	8.10	120	"	1.65	.92	79
	.30	140	"	1.652		
	.50	160	"	1.655		
	9.10	180	"	1.662	90	787
	.30	200	"	1.67		
	50	220	"	1.675		
	10.10	240	"	1.68	88	775
	30	260	"	1.672		
	50	280	"	1.70		
	11.10	300	"	1.72	87	77
	.30	320	"	1734		
	.50	340	"	175		
4/:	AM 12.10	360	"	178	87.5	76.7
	.20	370	"	177.4		
	.50	400	"	183.5		
	1.10	420	"	184.2	89.7	76.6
					(90?)	
				Discharge		137
4/:	AM 1.13	—	—	188.6		
	.15	0	30	149		
	.17	2	"	141.4		
	.20	5	"	139.4		

DATE	TIME	MIN	AMPS	VOLTS	TEMPS		
				39K	39K	1DCR	
4/10	AM 1.25	10	30	136.3			
	.35	20	"	133.8			
	.45	30	"	132.1			
	.55	40	"	130.8			
	2.15	60	"	128.1	91	76	
	.35	80	"	126.2			
	.55	100	"	124.7			
	3.15	120	"	123.8	91	75.2	
	.35	140	"	122.4			
	.55	160	"	121.9			
	4.15	180	"	121	91	75	
	.35	200	"	120			
	.55	220	"	119			
	5.15	240	"	118	92	75	
	.35	260	"	117			
	.55	280	"	115			
	6.15	300	"	113.7	93.5	74.7	
	.35	320	"	111			
	.55	340	"	107.7			
	7.05	350	"	105			
			current off one (1) minute				
	.16	360	"	102.3	94.5	74.5	
	.21	365	"	100			-182.5

DATE	TIME	MIN	AMPS	VOLTS	TEMPS		
				39K	39K	1DCR	
4/10/39	AM			Charge			138
	7.35	0	30	141	93	74.5	
	.37	2	"	145.8			
	.40	5	"	148.1			
	.45	10	"	151.7			
	.55	20	"	156			
	8.05	30	"	163			
	.15	40	"	162.1			
	.35	60	"	165.5	83	74	
	.55	80	"	165.5			
	9.15	100	"	165.5			
	.35	120	"	165.5	91	74	
	.55	140	"	165.5			
	10.15	160	"	166			
	.35	180	"	166.5	89.7	74	
	.55	200	"	166.7			
	11.15	220	"	167.5			
	.35	240	"	168	88.5	74.5	
	.55	260	"	168.7			
	PM 12.15	280	"	171			
	.35	300	"	171.5	89	75	
	.55	320	"	173			
	1.15	340	"	174.5			
	.35	360	"	177.7	90.5	76.5	
	.55	380	"	181			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	Side	
	PM						
4/16/09	2.15	400	30	1.832			
	35	420	"	1.83	922	762	
					924		
				Discharge		= 138	
	PM						
4-16-09	2.28	—	obey	1.58			
	40	0	30	1.49			
	42	2	"	1.42			
	45	5	"	1.382			
	.50	10	"	1.36			
	3.00	20	"	1.34			
	.10	30	"	1.33			
	.20	40	"	1.309			
	.40	60	"	1.282	92	765	
	4.00	80	"	1.26			
	.20	100	"	1.245			
	.40	120	"	1.237	91	755	
	5.00	140	"	1.222			
	20	160	"	1.212			
	40	180	"	1.207	907	745	
	6.00	200	"	1.205			
	20	220	"	1.195			
	40	240	"	1.185	912	74	
	7.00	260	"	1.167			
	20	280	"	1.16			
	40	300	"	1.14	922	735	

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	Side	
	PM						
4/16/09	8.00	320	30	1.117			
	.20	340	"	1.09			
	.30	350	"	1.067			
	.40	360	"	1.037	927	73.5	
	.51	370	"	Current off 1 minute 1.007			
	.53	372	"	1.00			-186
				Charge #1 139			
	PM						
4/16/09	9.05	0	30	1.141	93	735	
	.07	2	"	1.462			
	.10	5	"	1.50			
	.15	10	"	1.522			
	.25	20	"	1.57			
	.35	30	"	1.61			
	.45	40	"	1.637			
	10.05	60	"	1.647	917	735	
	.25	80	"	1.66			
	.45	100	"	1.667			
	11.05	120	"	1.67	90.5	73.5	
	.25	140	"	1.67			
	.45	160	"	1.67			
4/17	AM 12.05	180	"	1.67	89	72.5	
	.25	200	"	1.673			
	MT	220	"	1.683			

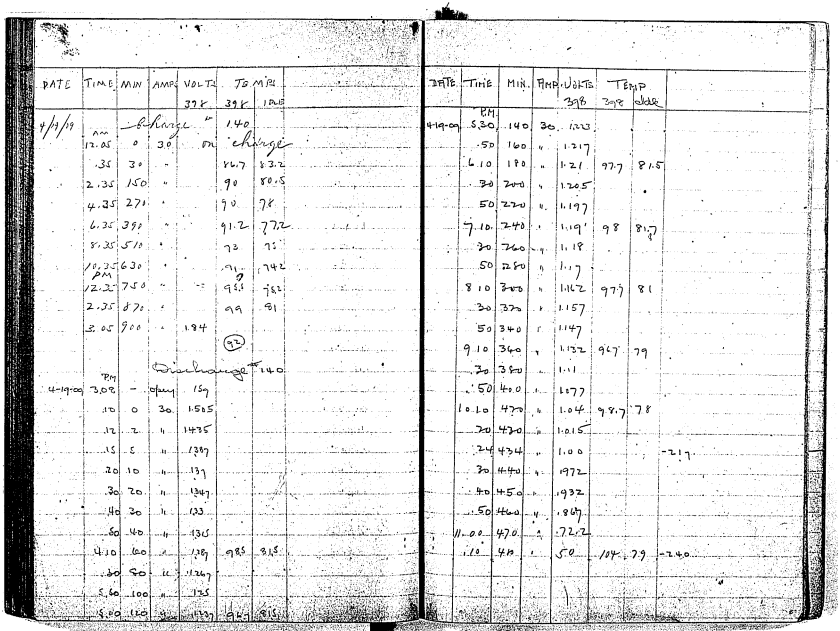
DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP Idle
4/17/09	1.15	1240	30	169.8	90	74
	.25	260	"	170.1		
	.45	280	"	171.7		
	2.05	300	"	172.2	90.5	74.5
	.25	320	"	173.7		
	.45	340	"	175		
	3.05	360	"	176	91	75
	.25	380	"	179.9		
	.45	400	"	183.7		
	4.05	420	"	185	92	75
					(90.9)	

Discharge 139

DATE	TIME	MIN	AMPS	VOLTS	TEMP 398	TEMP Idle
4/17	AM 4.08	—	0/20	157		
	.10	0	30	147		
	.12	2	"	140		
	.15	5	"	137		
	.20	10	"	134.8		
	.30	20	"	132		
	.40	30	"	130.8		
	.50	40	"	129.6		
	5.10	60	"	126.3	92	74
	.30	80	"	125.1		
	.50	100	"	123		
	6.10	120	"	122	92.2	74
	.30	140	"	121.5		

DATE	TIME	MIN	AMP	VOLTS	TEMPS 398	TEMPS IDLE
4/17/09	AM 6.50	160	30	120.2		
	7.00	180	"	119.6	90	73
	.30	200	"	119.1		
	.50	220	"	118.1		
	8.10	240	"	1192	88	72
	.30	260	"	1.157		
	.50	280	"	1.14		
	9.10	300	"	1.122	90.2	70.5
	.32	322	"	1.09		
	.50	340	"	1.06		
	10.00	350	"	1.04		
	.10	360	"	1.002		
	.11	361	"	1.00	92.5	71	-180.5
	.20	370	"	.962		
	.31	381	"	.905		
	.40	390	"	.86		
	.50	400	"	.782		
	11.00	410	"	.65		
	06½	416½	"	.50	96.7	71	-208.2

Stood their sever (37) hours of over Sunday



DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE
4/19/09			Charge		140	
	AM 12.05	0	30	on	charge	
	.35	30	"		86.7	83.2
	2.35	150	"		90	80.5
	4.35	270	"		90	78
	6.35	390	"		91.2	77.2
	8.35	510	"		93	75
	10.35	630	"		91	74.2
	PM 12.35	750	"		95.5	75.2
	2.35	870	"		99	81
	3.05	900	"	1.84		
					(92)	
			Discharge			140
4-19-09	PM 3.08	-	open	159		
	.10	0	30	1.505		
	.12	2	"	1435		
	.15	5	"	1387		
	.20	10	"	137		
	.30	20	"	1347		
	.40	30	"	133		
	.50	40	"	1315		
	4.10	60	"	1387	98.5	81.5
	.30	80	"	1.267		
	5.60	100	"	125		
	5.00	120	"	1.237	96.7	81.5

DATE	TIME	MIN.	AMP.	VOLTS 398	TEMP 398	TEMP idle	
4-19-09	PM 5.30	140	30	1.223			
	.50	160	"	1.217			
	6.10	180	"	1.21	97.7	81.5	
	.30	200	"	1.205			
	.50	220	"	1.197			
	7.10	240	"	1.19	98	81.7	
	.30	260	"	1.18			
	.50	280	"	1.17			
	8.10	300	"	1.162	97.7	81	
	.30	320	"	1.157			
	.50	340	"	1.147			
	9.10	360	"	1.132	96.7	79	
	.30	380	"	1.11			
	.50	400	"	1.077			
	10.10	420	"	1.04	98.7	78	
	.30	430	"	1.015			
	.24	434	"	1.00			-217
	.30	440	"	.972			
	.40	450	"	.932			
	.50	460	"	.867			
	11.00	470	"	.72.2			
	.10	480	"	50	104	79	-240

DATE	TIME	MIN	AMPS	VOLTS 39K	TEMP 39K	TEMP IDLE	
4/19/09				charge	141		
	P.M. 11:15	0	.30		on charge		
	.45	30	"		105	80	
4/20	A.M. 1.45	150	"		94	79.5	
	3.45	270	"		98.2	76.5	
	5.45	390	"		91.5	76.7	
	7.45	510	"		92.5	75	
	9.45	630	"		95	74.5	
	11.45	750	"		97	75	
	P.M. 1.45	870	"		96.5	74.7	
	2.15	900	"	136	(94.2)		-15 hrs @ 30
				discharge	141		
4-20-09	P.M. 7.18	-	ohm	149			
	20	0	30	150			
	22	2	"	151			
	25	5	"	152			
	30	10	"	1345			
	40	20	"	135			
	50	30	"	1333			
	8.00	40	"	132			
	20	60	"	1295	94.7	74.5	
	40	80	"	127			
	9.00	100	"	1247			
	20	120	"	1232	93	74.5	

DATE	TIME	MIN	AMPS	VOLTS 39K	TEMP 39K	TEMP IDLE	
4-20-09	P.M. 9.00	140	30	122			
	5.00	160	"	121			
	.20	180	"	1205	91.5	74	
	.40	200	"	120			
	6.00	220	"	1192			
	.20	240	"	1.185	91.5	74	
	.40	260	"	1.177			
	7.00	280	"	1.17			
	.20	300	"	1.162	91.5	74	
	.40	320	"	1.152			
	8.00	340	"	1.14			
	.20	360	"	1.122	92.7	73.7	
	.40	380	"	1.105			
	9.00	400	"	1.08			
	.20	420	"	1.042			
	.40	440	"	1.012			
	44	444	"	1.00			-222
	1.00	460	"	89			
	.10	470	"	.80			
	.20	480	"	.662	101.5	75	
	.25	485	"	.50			-247.5

stood six + half (6½) hours
connect in series with
5 ordinance Just 1pg

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE
4/21/09			Charge		# 142	
	AM 4.55	0	30		86.2	75
	5.55	1	"		91	74.5
	6.55	2	"		93	74.5
	7.55	3	"		93	73.7
	8.55	4	"		94	73.2
	9.55	5	"		94.5	73
	10.55	6	"		94.5	72.5
	11.55	7	"	794	95.5	72.5
			Discharge # 142			
	P.M. 4-21-09 12.00	0	40	143		
	.02	2	"	136		
	.05	5	"	133		
	.10	10	"	131		
	.20	20	"	1225		
	.30	30	"	127		
	.40	40	"	1252		
	1.00	60	"	122	99	72.5
	.20	80	"	1225		
	.40	100	"	119		
	2.00	120	"	118		
	.20	140	"	1172		
	.40	160	"	1162		
	3.00	180	"	1145	104.5	72.5

DATE	TIME	MIN.	AMPS	VOLTS 398	TEMP. 398	TEMP. idle	
4/21/09	PM 3.20	200	40	1.13			
	.40	220	"	.102			
	.50	230	"	1.077			
	4.00	240	"	106	104	72.5	
	.10	250	"	.101			
	.12	252	"	100			-168
	.20	260	"	725			
	.30	270	"	.76			
	.36	276½	"	.50	106.7	72.5	-184.3
			Change # 143				
	P.M. 4-21-09 4.55	0	30		109.5	72.5	
	5.55	1	"		10.67	72.5	
	6.55	2	"		1035	72.5	
	7.55	3	"		1.012	72.7	
	8.55	4	"		99.	73	
	9.55	5	"		985	73.5	
	1055	6	"		99.7	74	
	11.55	7	"	175.7	100.5	75	
			Discharge # 143				
	AM 4/22 12.00	0	40	141.7			
	.02	2	"	135.7			
	.05	5	"	133.7			

DATE	TIME	MIN.	AMP	Volts 398	TEMP 398	TEMP Idle	
4/22/09	AM 11.10	10	40	131.7			
	.20	20	"	129.5			
	.30	30	"	127			
	.40	40	"	126			
	1.00	60	"	123.5	104.7	74	
	.20	80	"	121.7			
	.40	100	"	120			
	2.00	120	"	119.5	107	75.7	
	.20	140	"	118			
	.40	160	"	117			
	3.00	180	"	115.7	109	76	
	.20	200	"	114			
	.40	220	"	111.7			
	.50	230	"	109.7			
	4.00	240	"	117.7	110.5	76	
	.10	250	"	106			
	.20	260	"	100			-1733
	.30	270	"	95			
	.40	280	"	82.5			
	.45	285	"	70			
	.49	289	"	58	113	76	-19717
4/23	AM		Discharge			144	
	4.55	0	20		112.5	76.5	
	5.55	1	"		112	75	
	6.55	2	"		106	74.5	
	7.55	3	"		103	74	
	8.55	4	"		99.5	73	

DATE	TIME	MIN	AMPS	Volts 398	TEMP 398	TEMP Idle	
4/22/09	AM 9.55	5			98.2	73	
	10.55	6			96.2	72.7	
	11.55	7		1.78	96	72.5	
			Discharge			144	
4/22	PM 12.00	0	40	1.432			
	02	2	"	1.372			
	05	5	"	1.32			
	10	10	"	1.317			
	20	20	"	1.292			
	30	30	"	1.275			
	40	40	"	1.257			
	1.00	60	"	1.23	98.5	72.7	
	30	90	"	1207			
	40	100	"	1197			
	2.00	120	"	1.18	100.5	73	
	20	140	"	117			
	40	160	"	116			
	3.00	180	"	114	103	73	
	20	200	"	1137			
	40	220	"	1095			
	4.00	240	"	1055	106.5	73	
	.10	250	"	100			-9704
	.20	260	"	96			
	.30	270	"	84			
	.40	280	"	69			
	.49	289	"	50	109	73	-19404

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP CASE
			Charge @ 145			
4-22-09	PM 4.55	0	70		112	73
	5.55	1	"		108.5	74.5
	6.55	2	"		105	75
	7.55	3	"		104.2	75.5
	8.55	4	"		103	76
	9.55	5	"		101.7	75.5
	10.55	6	"		101.5	75
	11.55	7	"	176.72	101.5	75
			Discharge @ 145			
4/23	AM 12.00	0	40	141		
	.12	2	"	136.1		
	.05	5	"	133.7		
	.10	10	"	132		
	.20	20	"	129.7		
	.30	30	"	127.7		
	.40	40	"	126		
	1.00	60	"	123	104.5	74
	.12	72	"	121.5		
	.143	120	"	120		
	2.03	120	"	119	105.5	73.7
	.20	140	"	117.7		
	.140	160	"	116.5		
	3.00	180	"	116	104.7	75

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP 104	
4/23/09	AM 3.20	7.00	40	113			
	.43	7.20	"	110			
	.50	7.30	"	109.5			
	4.00	7.40	"	110	112	76	
	.10	7.50	"	109			
	.20	8.00	"	108			-172.3
	.30	8.10	"	94			
	.40	8.20	"	822			
	.50	8.30	"	537			
	5.1	8.41	"	50	116	76	-194
4/23	AM			Charge @ 140			
	4.55	8	30	114	76.2		
	5.55	1	"		112.7	76	
	6.55	2	"		109.2	76	
	7.55	3	"		106.5	75.5	
	8.55	4	"		104.5	75	
	9.55	5	"		102	74.2	
	10.55	6	"		101	74	
	11.55	7	"	176	101.5	73.5	
	PM			Discharge @ 140			
4-22-09	12.00	0	40	144			
	.02	2	"				
	.05	5	"	135			
	.10	10	"	132			
	.20	20	"	129.5			
	.30	30	"	127.5			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle	
4-23-09	PM 12.40	40	40	1.257			
	1.00	60	"	1.23			
	.20	80	"	1.212	102.5	73.5	
	.40	100	"	1.195			
	2.00	120	"	1.182	106	74	
	.20	140	"	1.175			
	.40	160	"	.116			
	3.00	180	"	1.142	108.2	74	
	.20	200	"	1.122			
	.40	220	"	1.09			
	4.00	240	"	1.045	109	73.2	
	.10	250	"	1.022			
	.15½	255½	"	1.00			-190.3
	.20	260	"	.96			
	.30	270	"	.875			
	.40	280	"	.717			
	.46	286	"	.50	114	75	-190.7
				Charge # 147			
4/23/09	4.55	0	30		1.15	75	
	5.55	1	"		1.125	75	
	6.55	2	"		1.075	74.5	
	7.55	3	"		1.045	74.5	
	8.55	4	"		1.02	74.5	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
4/23/09	PM 9.55	5	30		101.5	74.5	
	10.55	6	"		101	74.2	
	11.55	7	"	176.5	102.5	74.5	
				Discharge # 147			
4/24	AM 12.00	0	40	142			
	.02	2	"	136			
	.05	5	"	133.7			
	.10	10	"	132			
	.20	20	"	129.5			
	.30	30	"	127.5			
	.40	40	"	126			
	1.00	60	"	123	104.5	74.5	
	.20	80	"	121			
	.40	100	"	120			
	2.00	120	"	119	106	74.7	
	.20	140	"	117.7			
	.40	160	"	116			
	3.00	180	"	114.5	108.2	75	
	.20	200	"	112			
	.40	220	"	109			
	.50	230	"	107			
	4.00	240	"	104.5	111.7	74.7	
	.10	250	"	101.7			
	.12½	252½	"	100			-169.3
	.20	260	"	97			
	.30	270	"	88.5			
	.40	280	"	76.2			
	.48½	288½	"	50	114	74.7	-192.3

DATE	TIME	MIN	AMP	VOLTS	TEMPS 398	298	IDLE
4/24/09	AM			Charge			14.5
	4:55	0	30		1147	74.5	
	5:55	1	"		112	74.5	
	6:55	2	"		1072	74	
	7:55	3	"		1012	73	
	8:55	4	"		1012	73.5	
	9:55	5	"		99	72.2	
	10:55	6	"		99	72	
	11:55	7	"	126	787	71.5	
				Discharge			14.8
4-24-09	PM 12:00	0	40	1345			
	.02	2	"	1362			
	.05	5	"	1327			
	.10	10	"	132			
	.20	20	"	1305			
	.30	30	"	127			
	.40	40	"	1245			
	1.00	60	"	1227	162	72	
	.20	80	"	1207			
	.40	100	"	119			
	2.00	120	"	118	103	732	
	.20	140	"	1165			
	.40	160	"	115			
	3.00	180	"	113	1092	735	

DATE	TIME	MIN.	AMP	VOLTS	TEMP 398	298	idle
4-24-09	PM 3.20	200	40	1109			
	.40	220	"	1092			
	.50	230	"	1.05	140	72.5	
	4.00	240	"	102			
	.08	248	"	100			-1613
	.10	250	"	.982			
	.20	260	"	.972			
	.30	270	"	.812			
	.40	280	"	.58	113	72.5	
	.42	282	"	60			198

Stood thirty six + half (36½) hours over Sunday Mg.

4/27	AM			Charge			14.9
	4.55	0	30			71.	70
	5.55	1	"			72.5	70.5
	6.55	2	"			71.5	71
	7.55	3	"			84	70.2
	8.55	4	"			92	71
	9.55	5	"			93.5	72
	10.55	6	"			91.5	73
	11.55	7	"	119		95	74

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle	
				Discharge 149			
4-26-09	P.M. 12.00	0	40	145			
	.02	2	"	136			
	.05	5	"	134			
	.10	10	"	132			
	.20	20	"	1277			
	.30	30	"	127			
	.40	40	"	126			
	1.00	60	"	123	99	74.7	
	.20	80	"	121			
	.40	100	"	120			
	2.00	120	"	1185	103	75	
	.20	140	"	1177			
	.40	160	"	1.16			
	3.00	180	"	1145	105.5	75	
	.20	200	"	1125			
	.40	220	"	1095			
	4.00	240	"	104	110	75.5	
	.10	250	"	100			-1667
	.20	260	"	93			
	.30	270	"	81			
	.37	277	"	50	112	75.5	-1947

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP Idle
				Charge #50		
2-26-09	P.M. 4.55	0	30		115	74.5
	5.55	1	"		110	73.7
	6.55	2	"		107.5	74.5
	7.55	3	"		105	75.5
	8.55	4	"		104	76
	9.55	5	"		103	76.2
	10.55	6	"		101.2	76.2
	11.55	7	"	176	100.5	75.5
				Discharge #50		
11/27	A.M. 12.00	0	40	142		
	.02	2	"	136.2		
	.05	5	"	134		
	.10	10	"	132.2		
	.20	20	"	130		
	.30	30	"	128		
	.40	40	"	126		
	1.00	60	"	123	103	75
	.20	80	"	121		
	.40	100	"	120		
	2.00	120	"	118.2	103.2	73.5
	.20	140	"	117		
	.40	160	"	115.7		
	3.00	180	"	113.7	104.5	72.5

DATE	TIME	MIN	AMP	VOLTS 398	TEMPS 398	TEMPS IDLE	
4/27/09	AM 3:20	200	40	111			
	.40	220	"	107			
	.50	230	"	105			
	4:00	240	"	102	108	72.5	-1627
	.05	244	"	100			
	.10	250	"	97.5			
	.20	260	"	91.7			
	.30	270	"	79			
	.40	280	"	50	100.2	72.5	-1867
4/27	AM	Charge			#151		
	4.55	0	30		111.5	72.5	
	5.55	1	"		109.5	73.2	
	6.55	2	"		105	74	
	7.55	3	"		102	73.2	
	8.55	4	"		97	72	
	9.55	5	"		99.5	73.5	
	10.55	6	"		97.7	73	
	11.55	7	"	178	97.5	72.5	
		Discharge #151					
4-27-09	PM 12.00	0	40	142			
	.02	2	"	136.5			
	.05	5	"	133.7			
	.10	10	"	132			
	.20	20	"	129			
	.30	30	"	127			

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP idle	
4-27-09	PM 12.40	40	40	135.5			
	100	60	"	123	101	73.2	
	.20	80	"	121			
	.40	100	"	119.5			
	.200	120	"	118	107.5	72.5	
	.20	140	"	116.7			
	.40	160	"	115			
	.200	180	"	114	104	73.2	
	.20	200	"	111.2			
	.40	220	"	107.5			
	400	240	"	102.5	106	73	
	.07½	247½	"	100			-165
	.10	250	"	98			
	.20	260	"	92			
	.30	270	"	83			
	.40	280	"	61			
	.40	284	"	50	109	73.2	-1903
		Charge #152					
4/27/09	PM 4.55	0	30		111.5	72.5	
	5.55	1	"		107.7	72.5	
	6.55	2	"		103.5	72.5	
	7.55	3	"		101.2	72.5	
	8.55	4	"		98.5	72.7	
	9.55	5	"		97	73	
	10.55	6	"		97.5	73.2	

DATE	TIME	MIN	AMPS	VOLTS 39K	TEMP 39K	TEMP Roller
4/27/09	PM 11.55	7	30	178	99	74
			Discharge			152
4/28	AM 12.00	0	40	142		
	.02	2	"	137		
	.05	5	"	134.2		
	.10	10	"	132.5		
	.20	20	"	130.2		
	.30	30	"	125		
	.40	40	"	122		
	1.00	60	"	123.7	102	74.2
	.20	80	"	121.7		
	.40	100	"	120.5		
	2.00	120	"	118.7	106	74.2
	.20	140	"	117.7		
	.40	160	"	116.5		
	3.00	180	"	114.2	107.7	74.5
	.20	200	"	112.2		
	.40	220	"	109.5		
	.50	230	"	107.5		
	4.00	240	"	105	111	75
	10	250	"	102		
	13	253	"	100		169
	20	260	"	97.5		
	32	270	"	94		
	43	280	"	89		
	55	285	"	86.2		
	58	290	"	58	1132	76 193

DATE	TIME	MIN	AMPS	VOLTS 39K	TEMPS 39K	TEMPS IDLE
4/28/09	AM		Charge			153
	4.55	0	30		117	75
	5.55	1	"		1127	74.5
	6.55	2	"		104	74.5
	7.55	3	"		115	74.2
	8.55	4	"		102	74
	9.55	5	"		1005	74
	10.55	6	"		101	74.2
	11.55	7	"	134	1015	74
	PM		Discharge			153
4-28-09	12.00	0	40	143		
	.02	2	"	1367		
	.05	5	"	134		
	.10	10	"	1335		
	.20	20	"	130		
	.30	30	"	1277		
	.40	40	"	126		
	1.00	60	"	123	1049	74.2
	.20	80	"	121		
	.40	100	"	1195		
	2.00	120	"	118	106	74.5
	.20	140	"	117		
	.40	160	"	1152		
	3.00	180	"	1127	110	75.2

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP ohle	
4-28-09	P.M. 3.20	200	40	111			
	.40	220	"	109.2			
	4.00	240	"	102	112	75.2	
	.06	246	"	100			-164
	.10	250	"	98			
	.20	260	"	95			
	.40	280	"	62			
	.43	283	"	50	115	75.2	-188.7

Charge #154

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP ohle	
4-28-09	P.M. 4.55	0	30		118.5	75	
	5.55	1	"		113.5	75	
	6.55	2	"		109.7	75	
	7.55	3	"		106.2	75	
	8.55	4	"		104	74.7	
	9.55	5	"		102.5	74.5	
	10.55	6	"		102.7	74.5	
	11.55	7	"	175	102.5	75	

Discharge #154

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP ohle	
4/29	AM 12.00	0	40	141			
	.02	2	"	136.2			
	.05	5	"	134.2			
	.10	10	"	132.2			
	.20	20	"	130			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS ohle	
4/29/09	AM 12.30	30	40	128			
	.40	40	"	126			
	1.00	60	"	123.7	106	74.7	
	.20	80	"	121			
	.40	100	"	120			
	2.00	120	"	118	107.2	74.2	
	.20	140	"	117			
	.40	160	"	116			
	3.00	180	"	114	109	74	
	.20	200	"	110.5			
	.40	220	"	107			
	.50	230	"	104.5			
	4.00	240	"	102	112	73.7	
	.06	246	"	100			-164
	.10	250	"	98			
	.20	260	"	97			
	.30	270	"	83			
	.35	275	"	74			
	.40	280	"	65			
	4.43½	283½	"	50	114	73.5	189

Charge #155

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS ohle	
4/29	AM 4.55	0	30		115.5	73.5	
	5.55	1	"		110	72	
	6.55	2	"		106	71.5	
	7.55	3	"		104.5	72	
	8.55	4	"		101.5	73	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS 1026	
4/29/09	AM 9.55	5	30		100.5	72	
	10.55	6	"		100	72	
	11.55	7	"	176	109.5	72	
			Discharge #155				
4-29-09	P.M. 12.00	0	40	143			
	.02	2	"	137			
	.05	5	"	136.5			
	.10	10	"	132			
	.20	20	"	130			
	.30	30	"	129.5			
	.40	40	"	126			
	1.00	60	"	123.2	103.7	72.5	
	.20	80	"	121			
	.40	100	"	119.7			
	2.00	120	"	118	105	72.2	
	.20	140	"	118			
	.40	160	"	115.7			
	3.00	180	"	114	107	72.2	
	.20	200	"	111.2			
	.40	225	"	106.2			
	4.00	240	"	102	110	72.2	
	.10	260	"	100			-167
	.20	260	"	94			
	.40	280	"	92.7			

DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP Idle	
4-29-09	P.M. 4.48	288	40	50	114	72.2	-192
			Change #156				
4-29-09	P.M. 4.55	0	30		114.	72.	
	5.55	1	"		112.	72.	
	6.55	2	"		108.5	72	
	7.55	3	"		104.7	72	
	8.55	4	"		101.	72	
	9.55	5	"		100.5	72	
	10.55	6	"		99.2	72.2	
	11.55	7	"	176.2	100.5	74	
			Discharge #156				
4/30	AM 12.00	0	40	141.7			
	.02	2	"	137			
	.05	5	"	134.2			
	.10	10	"	132.2			
	.20	20	"	130			
	.30	30	"	128			
	.40	40	"	126			
	1.00	60	"	123	103	74	
	.20	80	"	121			
	.40	100	"	119.5			
	2.00	120	"	118	104.7	73.7	
	.20	140	"	117			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE	
4/30/17	2.40	160	40	115			
	3.00	180	"	113	106.5	73.5	
	.20	200	"	110.2			
	.40	220	"	106			
	.50	230	"	103			
	4.00	240	"	100	109	73	-160.
	.10	250	"	97			
	.20	260	"	92			
	.30	270	"	82			
	.40	280	"	64			
	.44½	284½	"	50	112.5	73	-189.3

4/30 Change #157

	AM						
	4.55	0	30		112	73	
	5.55	1	"		109	72.2	
	6.55	2	"		105	72.2	
	7.55	3	"		102	72	
	8.55	4	"		100	72	
	9.55	5	"		99	72	
	10.55	6	"		99	71.5	
	11.55	7	"	176	985	72	

Discharge #157

	P.M.						
4-30-09	12.00	0	40	145			
	.02	2	"	134			
	.05	5	"	1245			
	.10	10	"	1322			

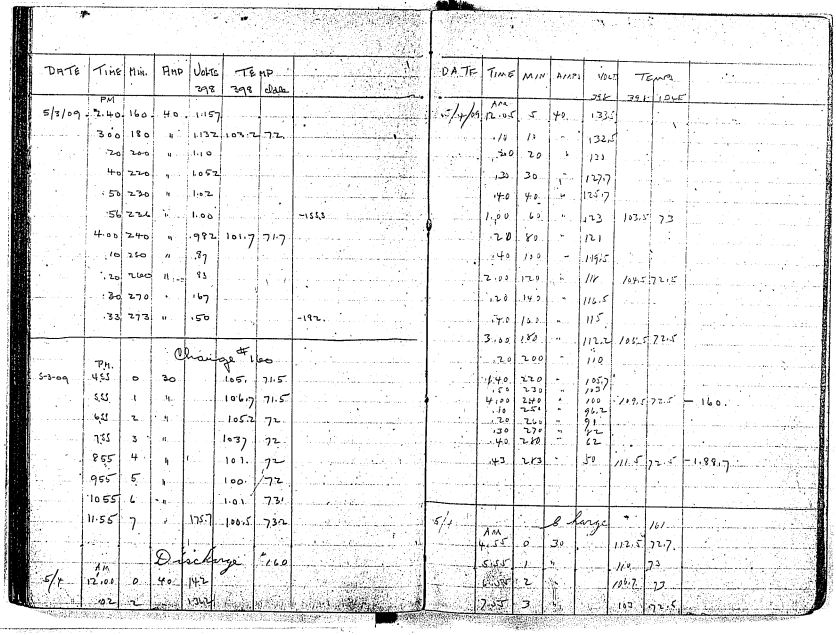
DATE	TIME	MIN	AMP	VOLTS 398	TEMP 398	TEMP Idle	
	P.M.						
4-30-09	12.20	20	40	130			
	.30	30	"	1277			
	.40	40	"	1257			
	1.00	60	"	123	1033	72	
	.20	80	"	1207			
	.40	100	"	119			
	2.00	120	"	118	104	72	
	20	140	"	117			
	.40	160	"	115			
	3.00	180	"	113	107	72.7	
	.20	200	"	1105			
	.40	220	"	1057			
	4.00	240	"	100	109.7	73	-160.
	.20	260	"	.915			
	.30	270	"	.822			
	.40	280	"	.61			
	.43	283	"	.50	113	722	-188.7

Change #158

4-30-09	4.55	0	30		116	73	
	5.55	1	"		110.5	73	
	6.55	2	"		108.2	73.5	
	7.55	3	"		105.2	73.5	
	8.55	4	"		102.2	73.5	
	9.55	5	"		101	73.7	

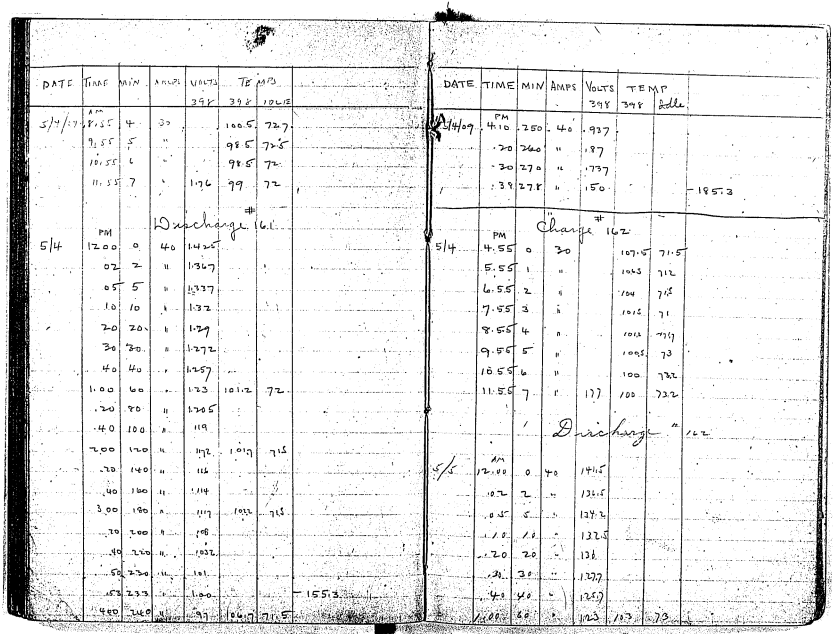
DATE	TIME	MIN.	AMP	VOLTS	TEMP 398	TEMP 398	TEMP Idle	
4/30/59	PM 10.55	6	30		100	74		
	11.55	7	"	175.7	100	74		
				Discharge		158		
5/1	AM 12.00	0	40	140.2				
	.02	2	"	136				
	.05	5	"	134				
	.10	10	"	132.2				
	.20	20	"	129.7				
	.30	30	"	127.7				
	.40	40	"	126				
	1.00	60	"	123	102	73.2		
	.20	80	"	121.7				
	.40	100	"	119				
	2.00	120	"	118	103.5	72.7		
	.20	140	"	117				
	.40	160	"	115				
	3.00	180	"	113	106	72.5		
	.20	200	"	110.2				
	.40	220	"	106				
	.50	230	"	103.7				
	4.00	240	"	101	109.7	72.5		
	.03	243	"	100			-163	
	.10	250	"	97				
	.20	260	"	92.2				
	.30	270	"	84.2				
	.40	280	"	68				
	.45	285	"	50	112.5	72.5	-190	

DATE	TIME	MIN	AMP	VOLTS	TEMPS 398	TEMPS 115	TEMPS 10-3
	Stood forty eight + a quarter hours over [illegible]						
4/5				Charge			159
	AM 4.55	0	30		69.5	69.5	
	5.55	1	"		75	69	
	6.55	2	"		77.5	67	
	7.55	3	"		79	65.5	
	8.55	4			81.5	66.5	
	9.55	5	"		83.5	67.5	
	10.55	6	"		89	68.5	
	11.55	7	"	177	92	70	
				Discharge		159	
4-5-59	P.M. 12.00	0	40	140.5			
	.02	2	"	135.7			
	.05	5	"	134			
	.10	10	"	130.7			
	.20	20	"	129			
	.30	30	"	127			
	.40	40	"	125.5			
	1.00	60	"	123	99.7	72.5	
	.20	80	"	120.5			
	.40	100	"	119			
	2.00	120	"	118	101.2	72.2	
	.20	140	"	1.167			



DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP data	
	PM						
5/3/09	2.40	160	40	1.157			
	3.00	180	"	1.132	103.2	72	
	20	200	"	1.110			
	40	220	"	1.082			
	50	230	"	1.02			
	56	236	"	1.00			-155.3
	4.00	240	"	.982	101.7	71.7	
	10	250	"	.87			
	20	260	"	.83			
	30	270	"	.167			
	33	273	"	.150			-192.
				Charge @ 160			
	PM						
5-3-09	4.55	0	30		105.	71.5	
	5.55	1	"		106.7	71.5	
	6.55	2	"		105.2	72	
	7.55	3	"		103.7	72	
	8.55	4	"		101.	72	
	9.55	5	"		100.	72	
	10.55	6	"		101.	73	
	11.55	7	"	1.75.7	100.5	73.2	
				Discharge @ 160			
5/4	AM						
	12.00	0	40	1.42			
	.02	2	"	1.32			

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP data	
5/4/09	AM 12.05	5	40	1.33.5			
	.10	10	"	1.32.5			
	.20	20	"	1.33			
	.30	30	"	1.27.7			
	.40	40	"	1.25.7			
	1.00	60	"	123	103.5	73	
	.20	80	"	121			
	.40	100	"	119.5			
	2.00	120	"	118	101.5	72.5	
	.20	140	"	116.5			
	.40	160	"	115			
	3.00	180	"	112.2	100.5	72.5	
	.20	200	"	110			
	1.40	220	"	105.7			
	.50	230	"	103.			
	4.00	240	"	100	100.5	72.5	- 160.
	.10	250	"	96.2			
	.20	260	"	91.			
	.30	270	"	82			
	.40	280	"	62			
	.43	283	"	50	111.5	72.5	-189.7
5/4				Charge @ 160			
	AM						
	4.55	0	30		112.5	72.7	
	5.55	1	"		104	73	
	6.55	2	"		106.7	73	
	7.55	3	"		107	72.5	



DATE	TIME	MIN	AMPS	VOLTS 398	TEMPS 398	TEMPS IDLE	
5/4/09	AM 8.55	4	30		100.5	72.7	
	9.55	5	"		98.5	72.5	
	10.55	6	"		98.5	72	
	11.55	7	"	1.76	99	72	
			Discharge # 161				
5/4	PM 1200	0	40	1.425			
	02	2	"	1.367			
	05	5	"	1.337			
	10	10	"	1.32			
	20	20	"	1.29			
	30	30	"	1.272			
	40	40	"	1.257			
	1.00	60	"	1.23	101.2	72	
	.20	80	"	1.205			
	.40	100	"	119			
	2.00	120	"	1172	101.7	71.5	
	.20	140	"	116			
	.40	160	"	1114			
	3.00	180	"	1117	102.2	71.5	
	.20	200	"	108			
	.40	220	"	1032			
	.50	230	"	101			
	.53	233	"	1.00			155.3
	4.00	240	"	.97	106.7	71.5	

DATE	TIME	MIN	AMPS	VOLTS 398	TEMP 398	TEMP Idle	
5/4/09	PM 4.10	.250	.40	.937			
	.20	260	"	.87			
	.30	270	"	.737			
	.38	278	"	.150			185.3
			Charge # 162				
5/4	PM 4.55	0	30		107.5	71.5	
	5.55	1	"		106.5	71.2	
	6.55	2	"		104	71.5	
	7.55	3	"		101.5	71	
	8.55	4	"		101.2	71.7	
	9.55	5	"		100.5	73	
	10.55	6	"		100	73.2	
	11.55	7	"	177	100	73.2	
			Discharge # 162				
5/5	AM 12.00	0	40	141.5			
	.02	2	"	136.5			
	.05	5	"	134.2			
	.10	10	"	132.5			
	.20	20	"	136			
	.30	30	"	127.7			
	.40	40	"	125.7			
	1.00	60	"	123	103	73	

DATE	TIME	MIN	AMP	VOLT	TEMPS 398	TEMPS 1026	
5/5/09	AM 1.20	80	4.0	121.5			
	.40	100	"	119.7			
	2.00	120	"	118	104.2	72.5	
	.20	140	"	117			
	.40	160	"	115			
	3.00	180	"	113	106	72.5	
	.20	200	"	110.2			
	.40	220	"	106			
	.50	230	"	103.7			
	4.00	240	"	100	108	72.5	-160
	.10	250	"	97			
	.20	260	"	92.2			
	.30	270	"	84			
	.40	280	"	67			
	.45	285	"	50	109.2	71	-190
5/5	AM	Change # .163					
	4.55	0	30		113	71	
	5.55	1	"		107	72.5	
	6.55	2	"		106.5	74	
	7.55	3	"		101	72.7	
	8.55	4	"		98.7	72.2	
	9.55	5	"		98	71.2	
	10.55	6	"		98	72.2	
	11.55	7	"	178	97.2	73	

DATE	TIME	MIN.	AMP	VOLTS 398	TEMP 398	TEMP ddle	
				Discharge # .163			
5-5-09	PM 1200	0	40	142			
	.02	2	"	1365			
	.05	5	"	1337			
	.10	10	"	132			
	.20	20	"	1297			
	.30	30	"	127			
	.40	40	"	125			
	100	60	"	1225	101	73.2	
	.20	80	"	1202			
	.40	100	"	1187			
	200	120	"	117	1027	73.5	
	.20	140	"	116			
	.40	160	"	1142			
	300	180	"	112	104	73	
	.20	200	"	109			
	.40	220	"	1042			
	.50	230	"	1017			
	.58	238	"	1.00			- 158.7
	4.00	240	"	1982	105	73.5	
	.10	250	"	.95			
	.20	260	"	.89			
	.30	270	"	.817			
	.40	280	"	.617			
	.44	284	"	.50			- 189.3

DATE	TIME	MIN	AMPS	VOLTS 39S	TEMP 39S	TEMP 2dle
			Charge	164		
5/5/09	PM 4.55	0	30	110.5	73.2	
	5.55	1	"	105.	73.	
	6.55	2	"	103	73.5	
	7.55	3	"	101.5	74.	
	8.55	4	"	100.5	74.5	
	9.55	5	"	99.5	75	
	10.55	6	"	99.7	75	
	11.55	7	"	174	100.2	75.7
			Discharge	164		
5/6	AM 12.00	0	40	141		
	.02	2	"	136		
	.05	5	"	134		
	.10	10	"	132		
	.20	20	"	129		
	.30	30	"	•127		
	.40	40	"	125.5		
	1.00	60	"	122	103.5	76
	.20	80	"	120		
	.40	100	"	118.5		
	2.00	120	"	117.5	105	75
	.20	140	"	116		
	.40	160	"	114.2		
	3.00	180	"	111	107.5	77

DATE	TIME	MIN	AMPS	VOLTS 39V	TEMPS 39S	TEMPS 104S
5/6/09	AM 3.20	200	40	107.5		
	.30	210	"	107.2		
	.40	220	"	107		
	.45	225	"	102		
	.50	230	"	99		-156
	4.00	240	"	96.2	104	73
	.10	250	"	92.2		
	.20	260	"	85		
	.34	274	"	70		
	.35	275	"	56		
	.36	276	"	50	101.5	72.5 -1963
5/6	AM		Charge	165		
	9.55	0	30	108.5	72	
	5.55	1	"	107.5	73	
	6.55	2	"	104	73.5	
	7.55	3	"	101.2	74.2	
	8.55	4	"	99.5	72	
	9.55	5	"	76	73.5	
	10.55	6	"	99.3	76	
	11.55	7	"	100	99.5	77.5
			Discharge	165		
5/6/09	PM 12.00	0	40	142		
	02	2	"	1339		
	05	5	"	1337		
	10	10	"	132		
	20	20	"	1299		

DATE	TIME	MIN.	AMP	VOLTS #398	TEMP #398	dtk	
	PM						
5-6-09	12.30	20	40	1.29			
	.40	40	"	1.252			
	1.00	60	"	1.222	103	90	
	.20	80	"	1.202			
	.40	100	"	1.19			
	2.00	120	"	1.177	106.5	80.5	
	.20	140	"	1.162			
	.40	160	"	1.15			
	3.00	180	"	1.13	113.2	81.7	
	.20	200	"	1.097			
	.40	220	"	1.055			
	.50	230	"	1.032			
	4.00	240	"	1.00	113	83	-160
	.10	250	"	.962			
	.20	260	"	.93			
	.30	270	"	.847			
	.40	280	"	.67			
	.45	285	"	.50			-190

Change #.

5-6-09	PM			
	4.55	0	20	
	5.55	1	"	
	6.55	2	"	
	7.55	3	"	

Runs continued to Vol. #III.

A4 #398

Run	Charge	Disch'g	C. Temp	Ampere-Hours To 1V.	Ampere-Hours To 5V.	Remarks
	See Runs #1-74 in Volume I.					
75	4 hrs. @ 30	Oct 30	87.7	117.2	—	
76	2 hrs. @ 30 / 60	"	88.1	58.5	—	
77	"	"	86.2	60	—	
78	"	"	89.6	60	—	
79	"	"	90.7	59.2	—	59.6
80	"	"	90.1	59.7	—	
81	4 hrs. @ 30 / 120	"	88.1	120.7	—	
82	"	"	80.3	116.7	—	Prev. Idle 41 Hours
83	"	"	87.4	118.5	—	117.2 Av.
84	"	"	90	116.5	—	(141 on 5 hr. dig.)
85	6 hrs. @ 30 / 150	"	90.3	162	—	
86	"	"	91.8	165.5	—	163.7
87	"	"	88.4	163.5	—	
88	7 hrs. @ 30 / 210	"	87	181.5	—	
89	"	"	85.7	183	—	182.8
90	"	"	87.6	184	—	
91	8 hrs. @ 30 / 240	"	86.9	194	—	
92	"	"	90.1	194.2	—	193.6
93	"	"	81	192.5	—	Prev. Idle 35 Hrs.
94	"	"	91.8	195.3	—	
95	10 hrs. @ 30 / 300	"	90.9	206.2	—	204.2
96	"	"	92.4	202.2	—	
97	12 hrs. @ 30 / 360	"	86.1	210.5	—	210.6
98	"	"	91.7	210.7	—	

Run	Charge	Dis.	C. Temp	Ampere-Hours To 1V.	Ampere-Hours To 5V.	Remarks
99	15 hrs. @ 30 / 450	Oct 30	89.2	216	—	215.5
100	"	"	86.2	213	—	Prev. Idle 41 Hrs.
101	"	"	91.2	217.5	—	
102	7 hrs. @ 30	"	91	189.5	—	
103	"	"	88.2	187	—	
104	"	"	87.6	186.7	—	
105	"	"	92.3	187.2	—	
106	"	"	89.7	187.7	—	
107	"	"	90.7	186.5	—	
108	"	"	82.6	185.7	—	Prev. Idle 51 Hrs.
109	"	"	87	185	—	
110	"	"	90.8	188.7	—	
111	"	"	89.3	188.7	—	
112	"	"	90.9	188	215.2	
113	"	"	89.3	172	187.7	
114	"	"	82.4	177	190	
115	"	"	90.3	178.5	192.2	
116	"	"	80.7	177.5	192	Prev. Idle 44 hrs.
117	"	"	94.6	178	190	
118	"	"	90.3	181	194.2	
119	"	"	92.7	177	190	
120	"	"	89.5	179	—	
121	"	"	90.2	185	—	
122	"	"	95	187.2	—	
123	"	"	90.7	185	—	

A4 #398.

Run	Charge	Discha	C. Tem	Ampere-Hours to 1V.	Ampere-Hours to .50	REMARKS
124	7 hrs @ 30	0d 30	92.6	185.5	—	
125	"	"	94.5	194.2	—	Prev. Idle 38 Hours.
126	"	"	94.9	193.5	—	" " 11 "
127	"	"	90.4	192.2	—	" " 11 "
128	"	"	92.9	191.5	—	" " 11 "
129	"	"	94.8	191.7	—	" " 11 "
130	"	"	91.6	192.2	—	" " 11 "
131	"	"	82.4	192.2	—	" " 35 "
132	"	"	95.5	191.7	—	" " 72 "
133	"	"	97.5	195	—	Consecutive Run
134	"	"	91.1	192.5	—	" "
135	"	"	93.2	194.5	—	" "
136	"	"	91.4	192	—	" "
137	"	"	90.7	192.5	—	" "
138	"	"	89.6	196	—	" "
139	"	"	209	180.5	208.2	" "
140	15 hrs @ 30	"	92	219	240	Prev. Idle 37 Hrs.
141	"	"	90.2	222	242.5	
142	7 hrs @ 30	0d 40		168	184.5	
143	"	"		173.3	192.7	
144	"	"		174.4	190.4	
145	"	"		173.3	194	
146	"	"		170.3	190.7	
147	"	"		168.3	192.3	
148	"	"		165.3	193	

Run	Charge	Dis.	#398 1V.	#398 .5V.	REMARKS
149	7 hrs @ 30	0d 40	161.7	184.7	Prev. Idle 36 Hrs.
150	"	"	162.7	186.7	
151	"	"	165	180.3	
152	"	"	169	193	
153	"	"	164	188.7	
154	"	"	164	189	
155	"	"	167	192	
156	"	"	160	189.3	
157	"	"	160	188.7	
158	"	"	163	190	
159	"	"	155.3	192	Prev. Idle.
160	"	"	160	188.7	
161	"	"	155.3	185.3	
162	"	"	160	190	
163	"	"	158.7	189.3	
164	"	"	152	184.3	
165	"	"	160	190	

Results Continued in Vol. III